

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

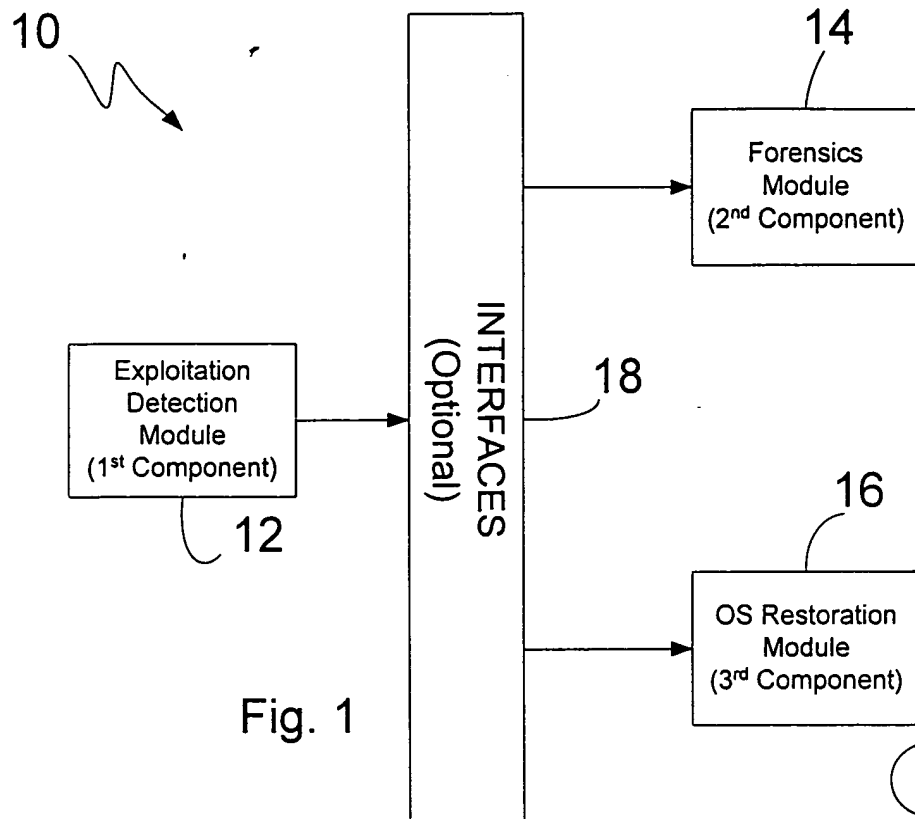


Fig. 1

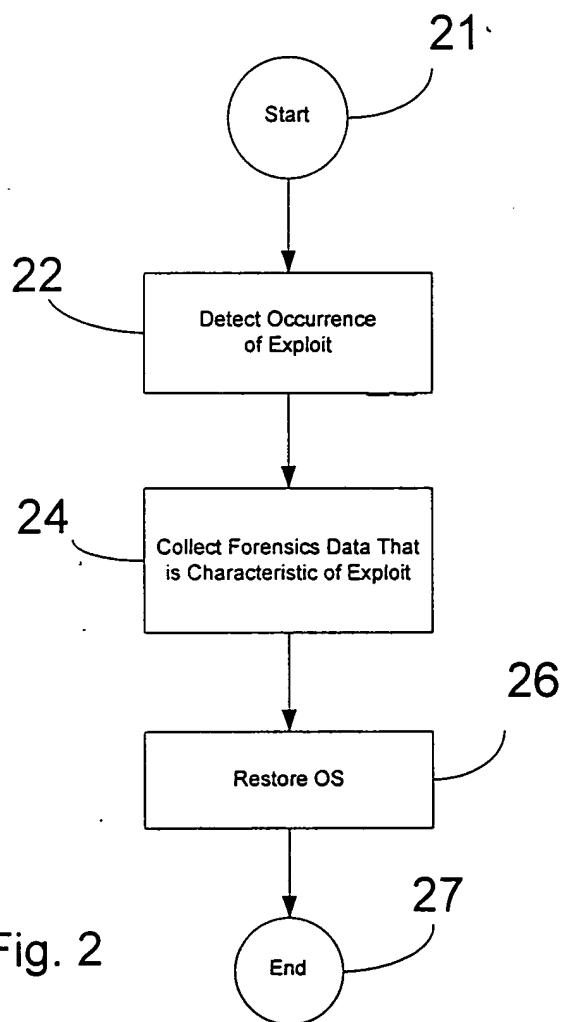


Fig. 2

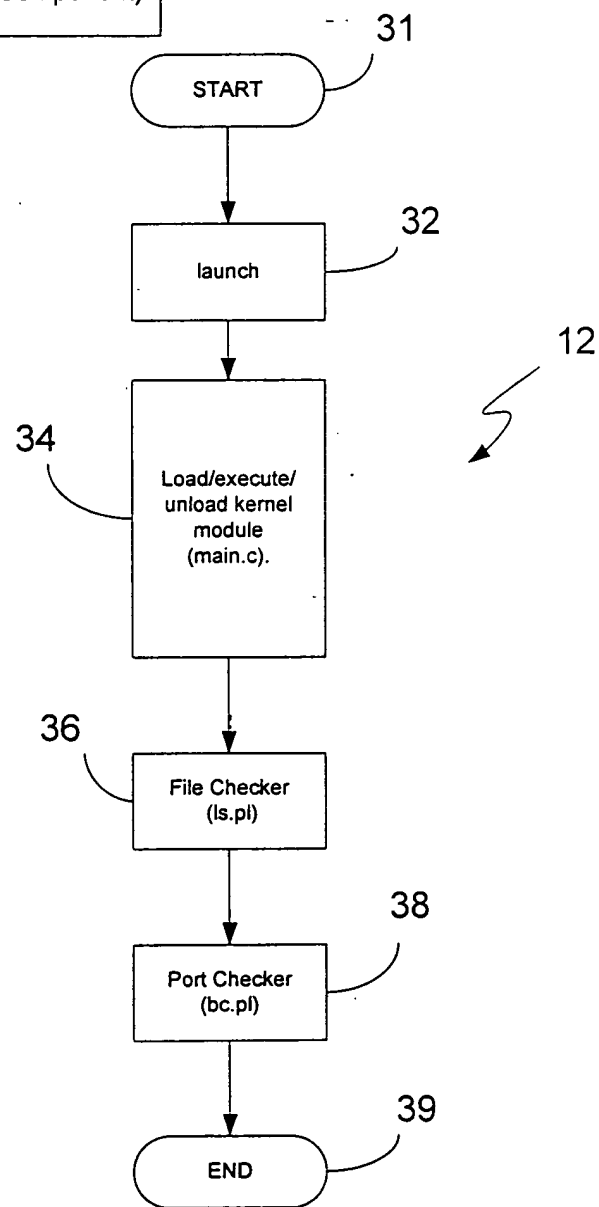


FIG. 3

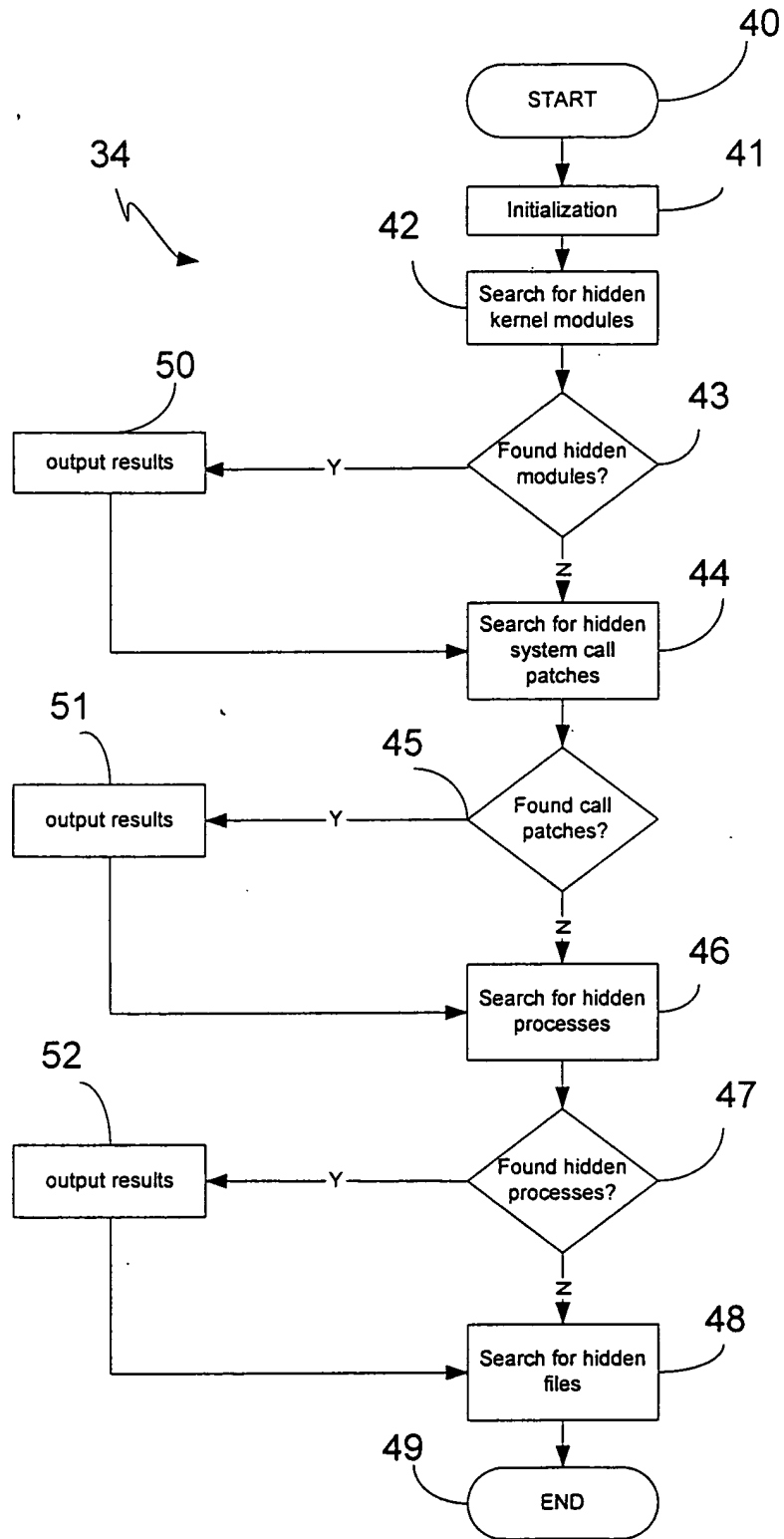
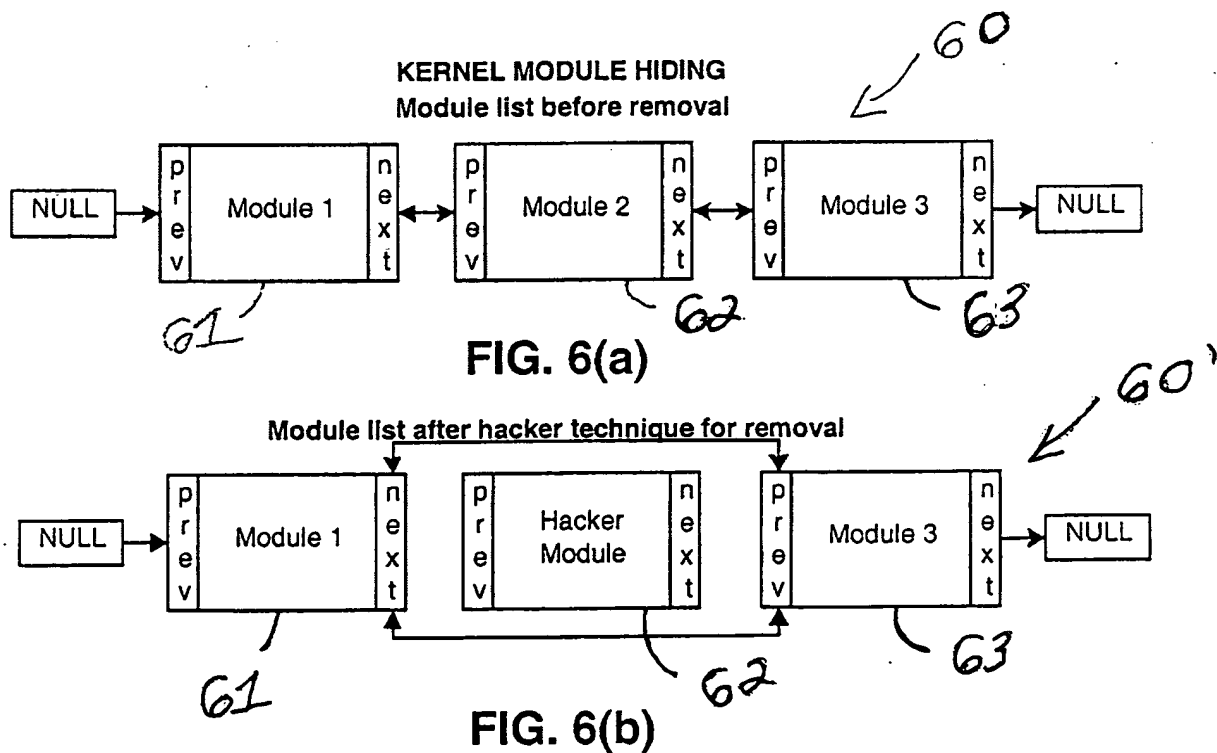
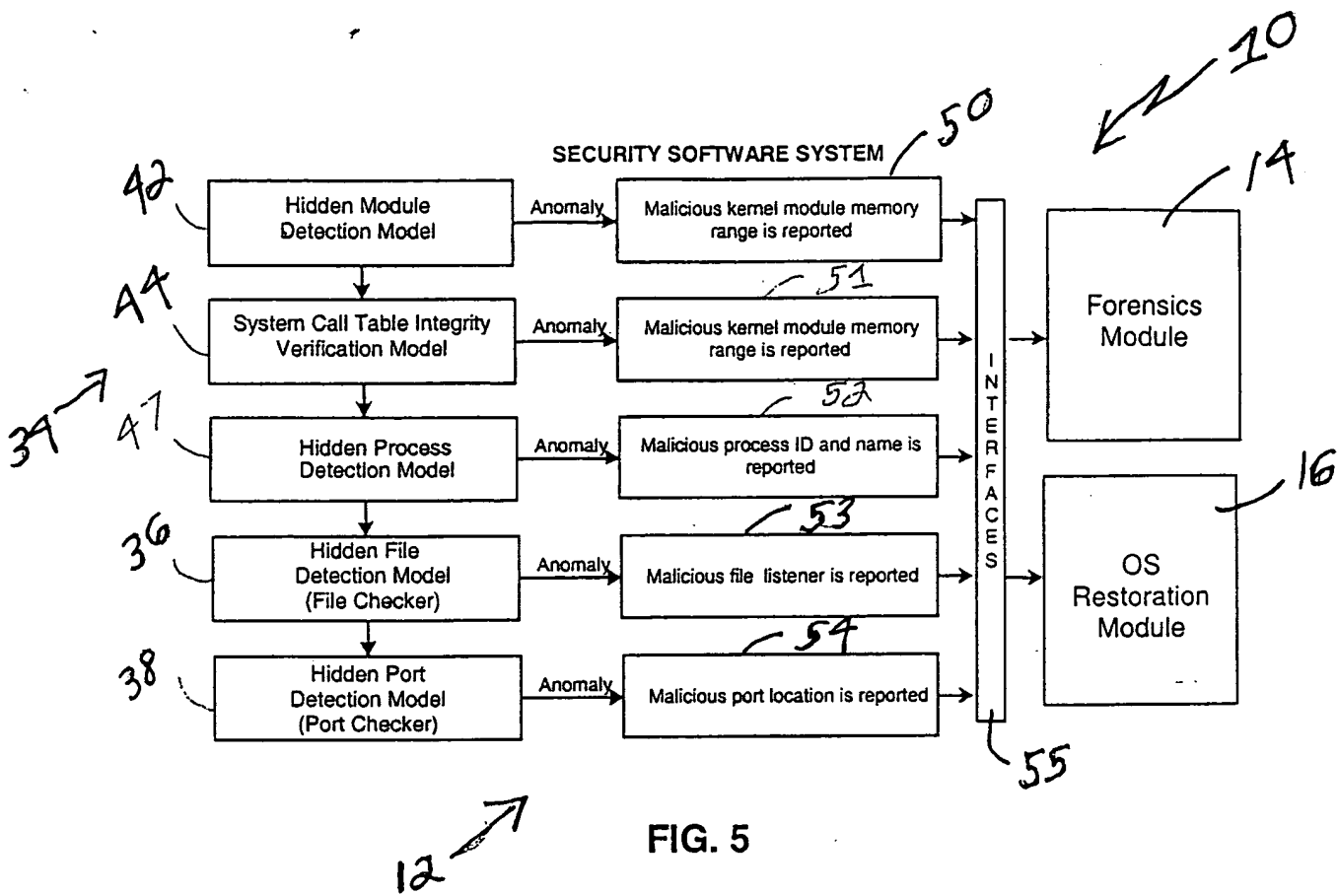


FIG. 4



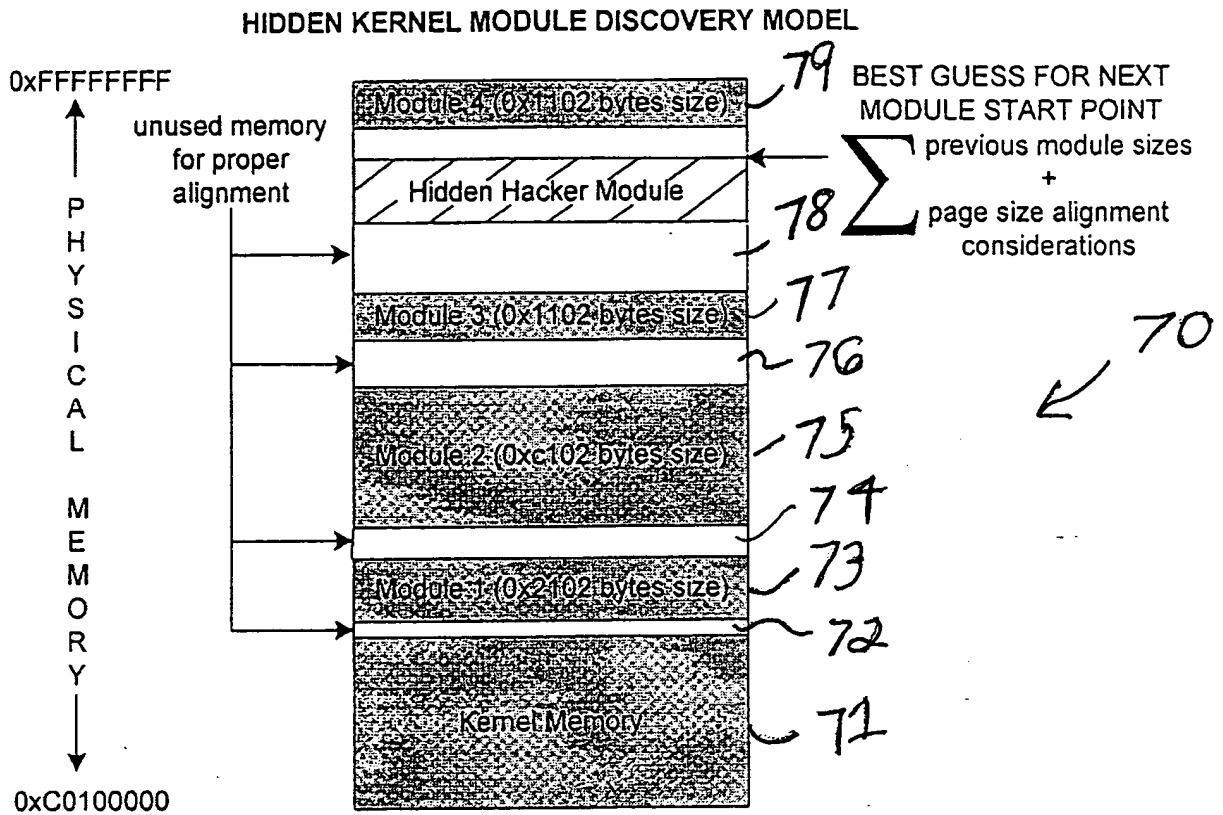


FIG. 7

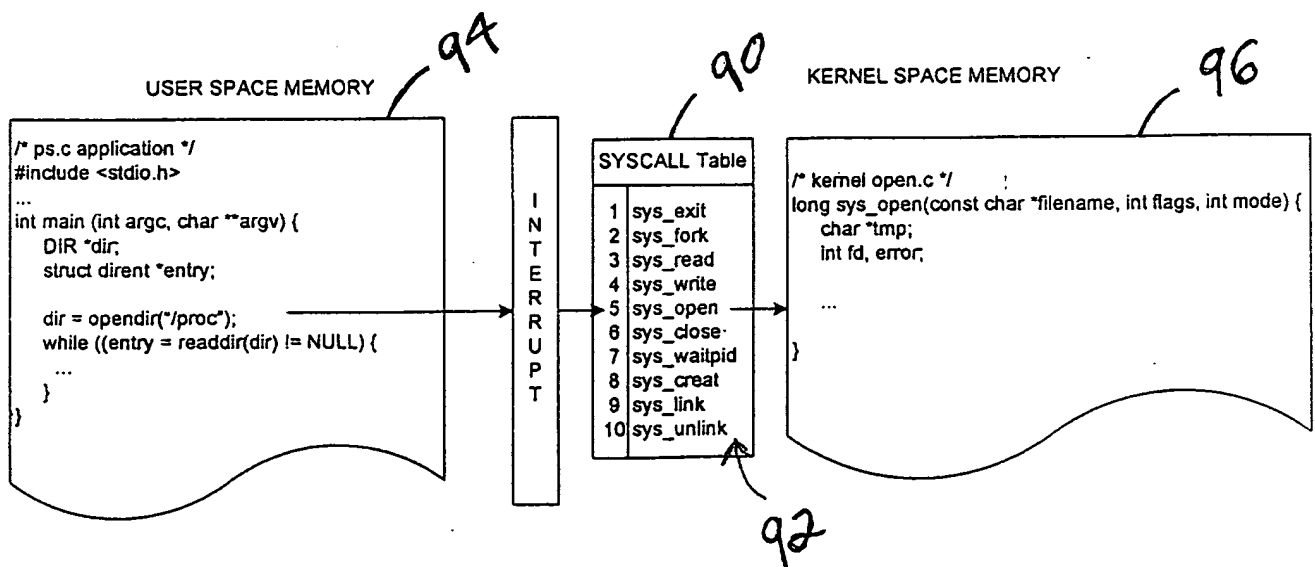


FIG. 9

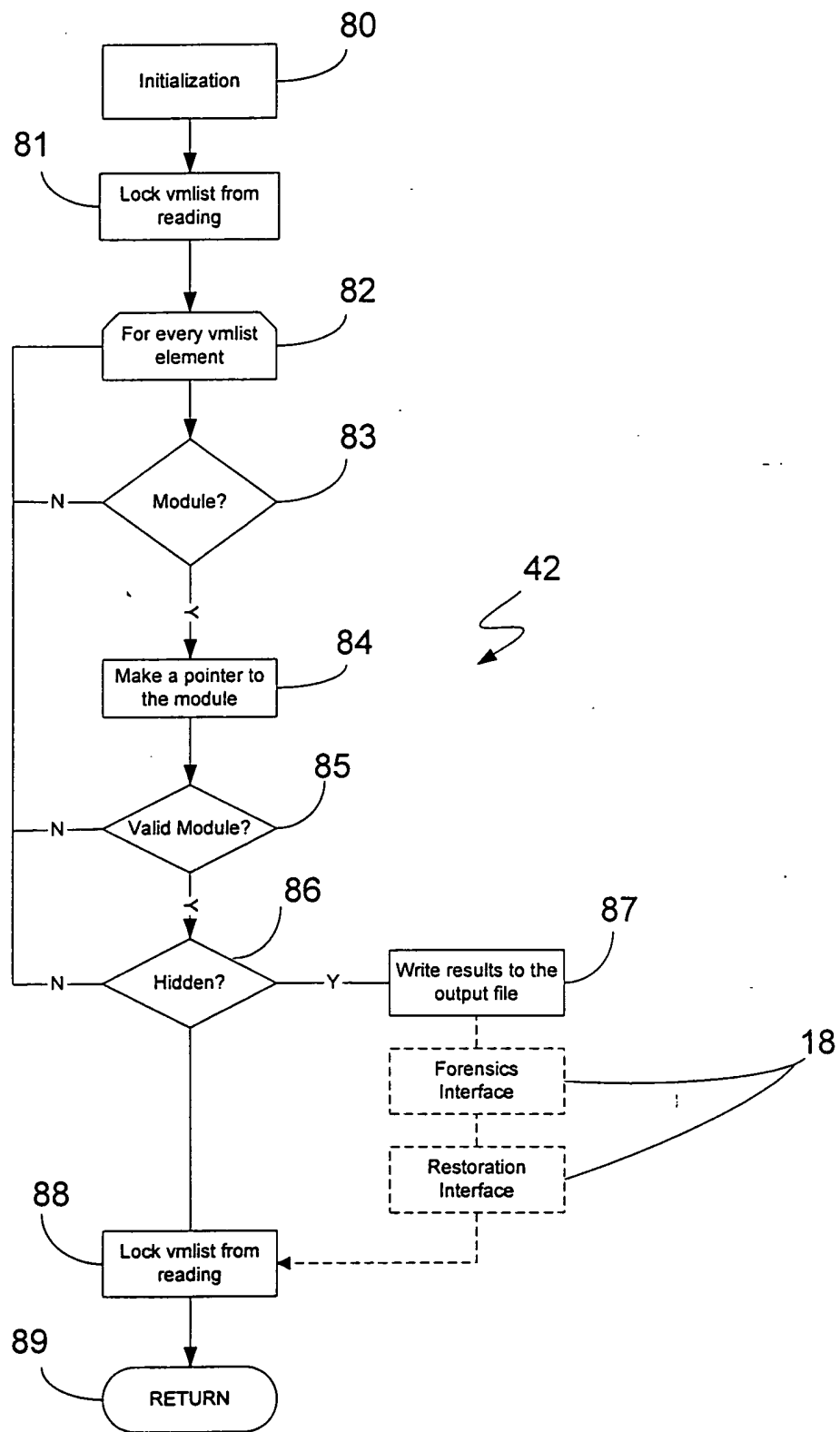


FIG. 8

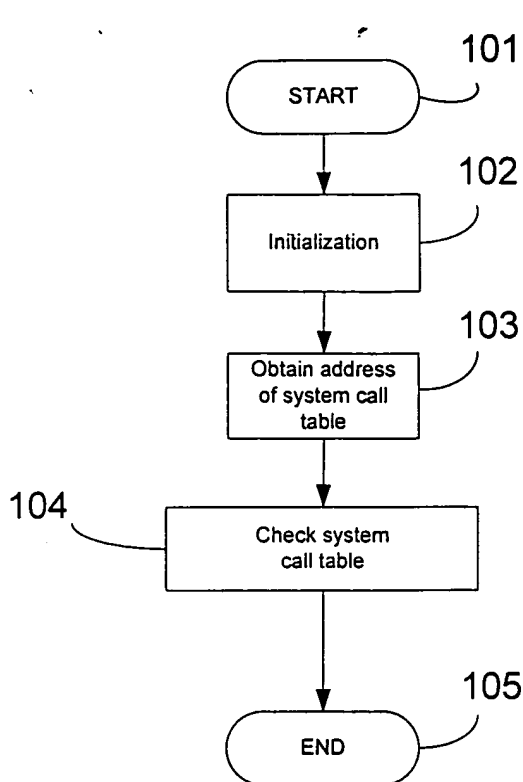


FIG. 10 (a)

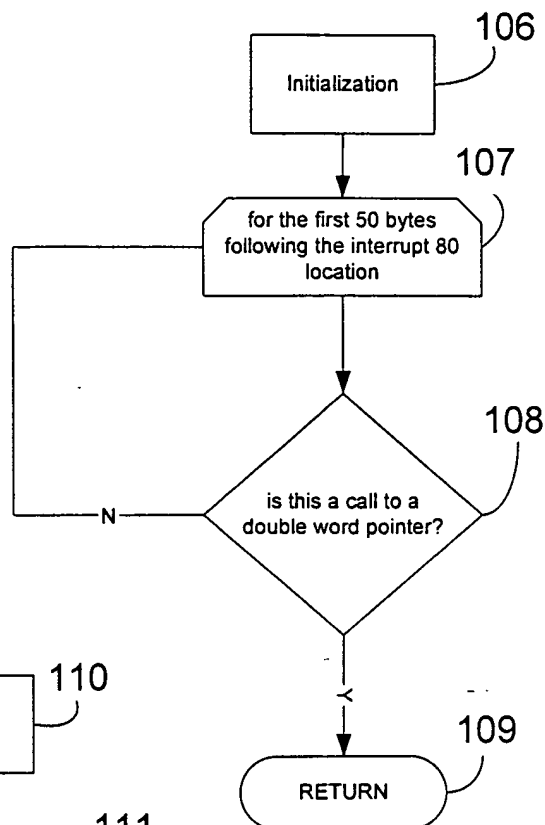


FIG. 10(b)

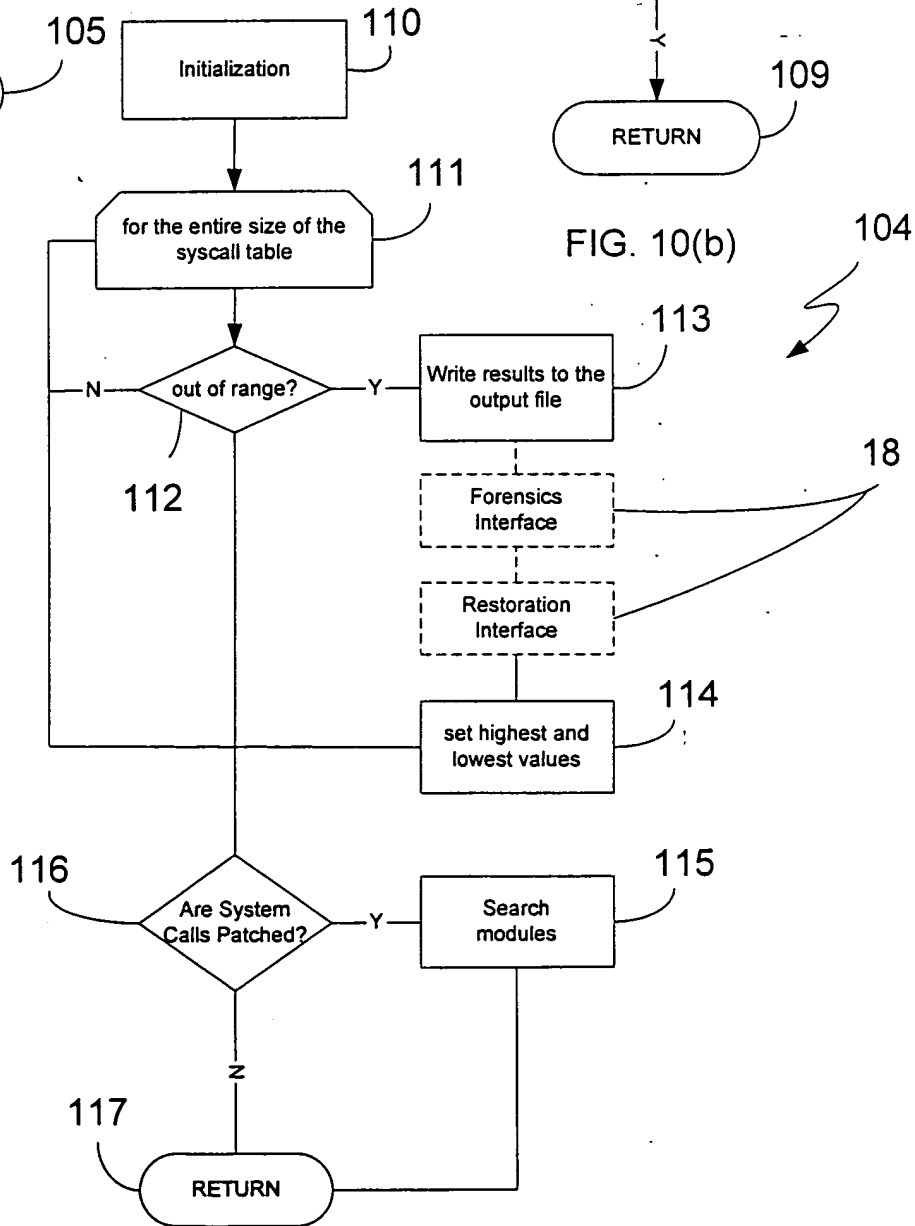


FIG. 10(c)

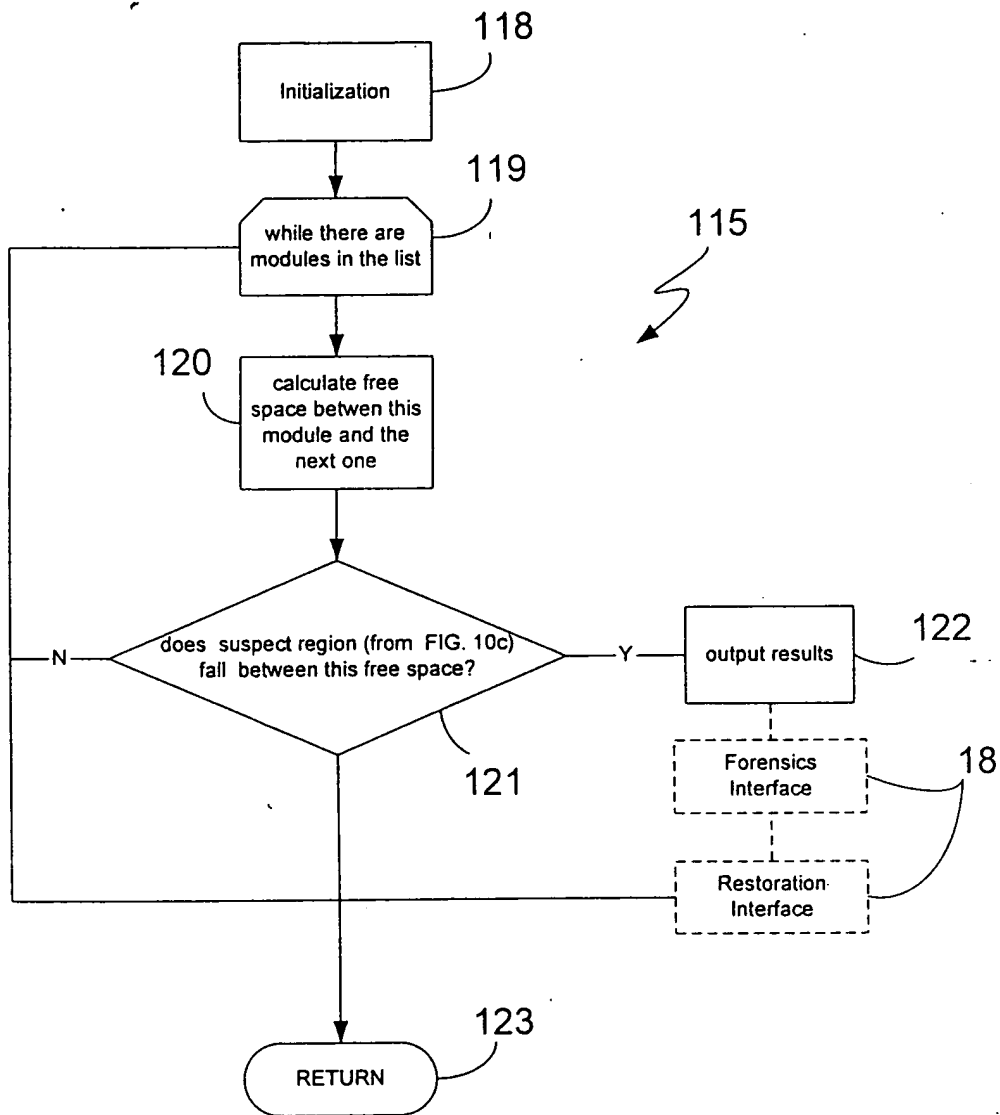


FIG. 10(d)

IDENTIFIED SYSCALL ANOMALIES CAUSE BY ADORE v0.42

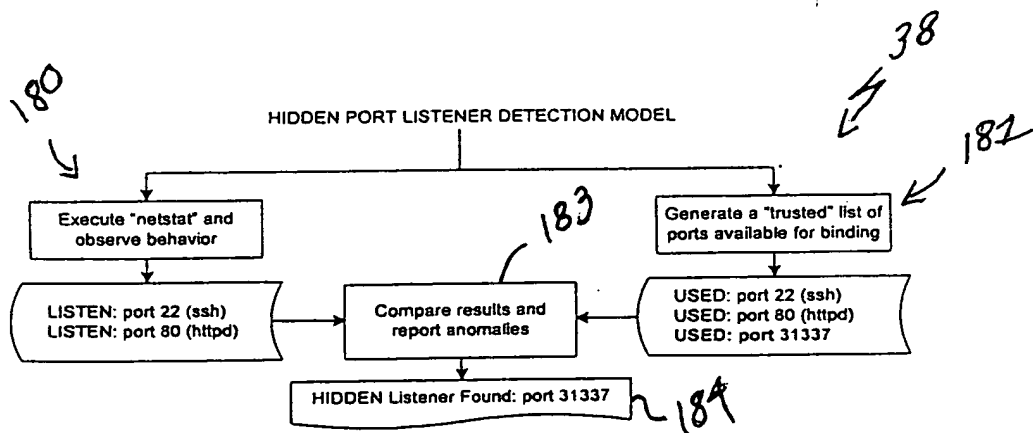
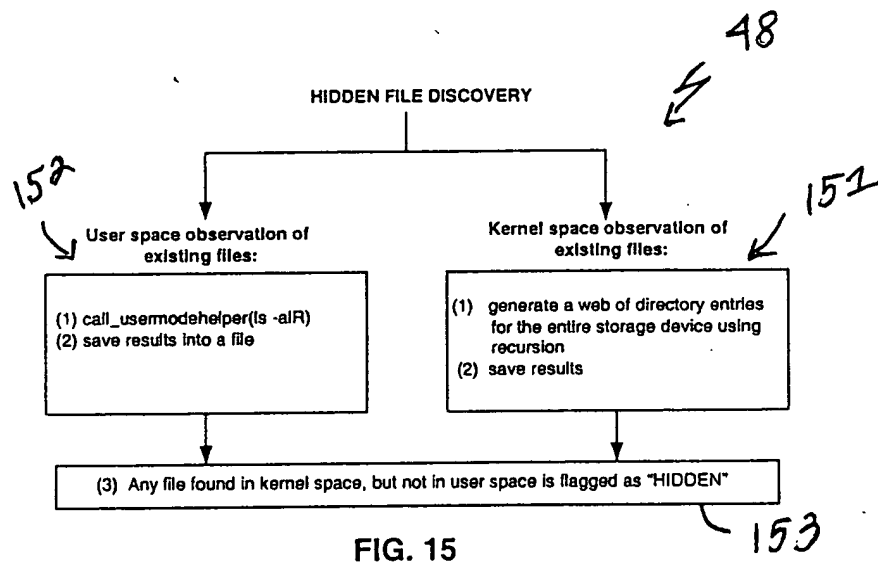
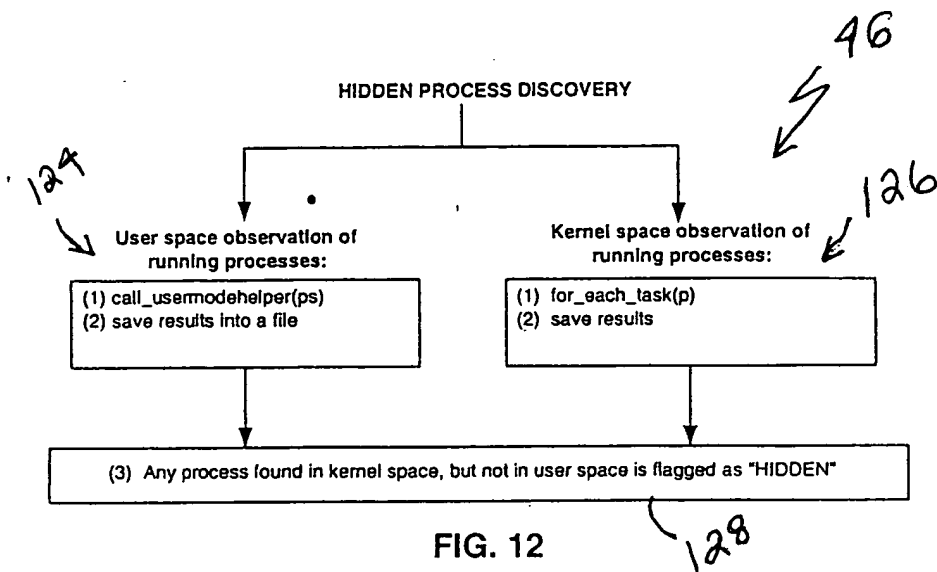
syscall[2]	tork	FAILED	0xf8aca650
syscall[4]	write	FAILED	0xf8aca7e8
syscall[5]	open	FAILED	0xf8acb184
syscall[6]	close	FAILED	0xf8aca898
syscall[18]	oldstat	FAILED	0xf8acabe4
syscall[37]	kill	FAILED	0xf8aca710
syscall[39]	mkdir	FAILED	0xf8aca9a0
syscall[84]	oldlstat	FAILED	0xf8acacd0
syscall[106]	stat	FAILED	0xf8acadb0
syscall[107]	lstat	FAILED	0xf8acae94
syscall[120]	clone	FAILED	0xf8aca6b0
syscall[141]	getdents	FAILED	0xf8aca368
syscall[195]	stat64	FAILED	0xf8acaf80
syscall[196]	lstat64	FAILED	0xf8acb080
syscall[220]	getdents64	FAILED	0xf8aca4d0

125
Highest
127
Lowest

```

analyze_memory(highest, lowest) {
    if the range falls between two
    valid kernel modules then flag
    the entire memory range in
    between the two as a malicious
    kernel module.
}
  
```

FIG. 11



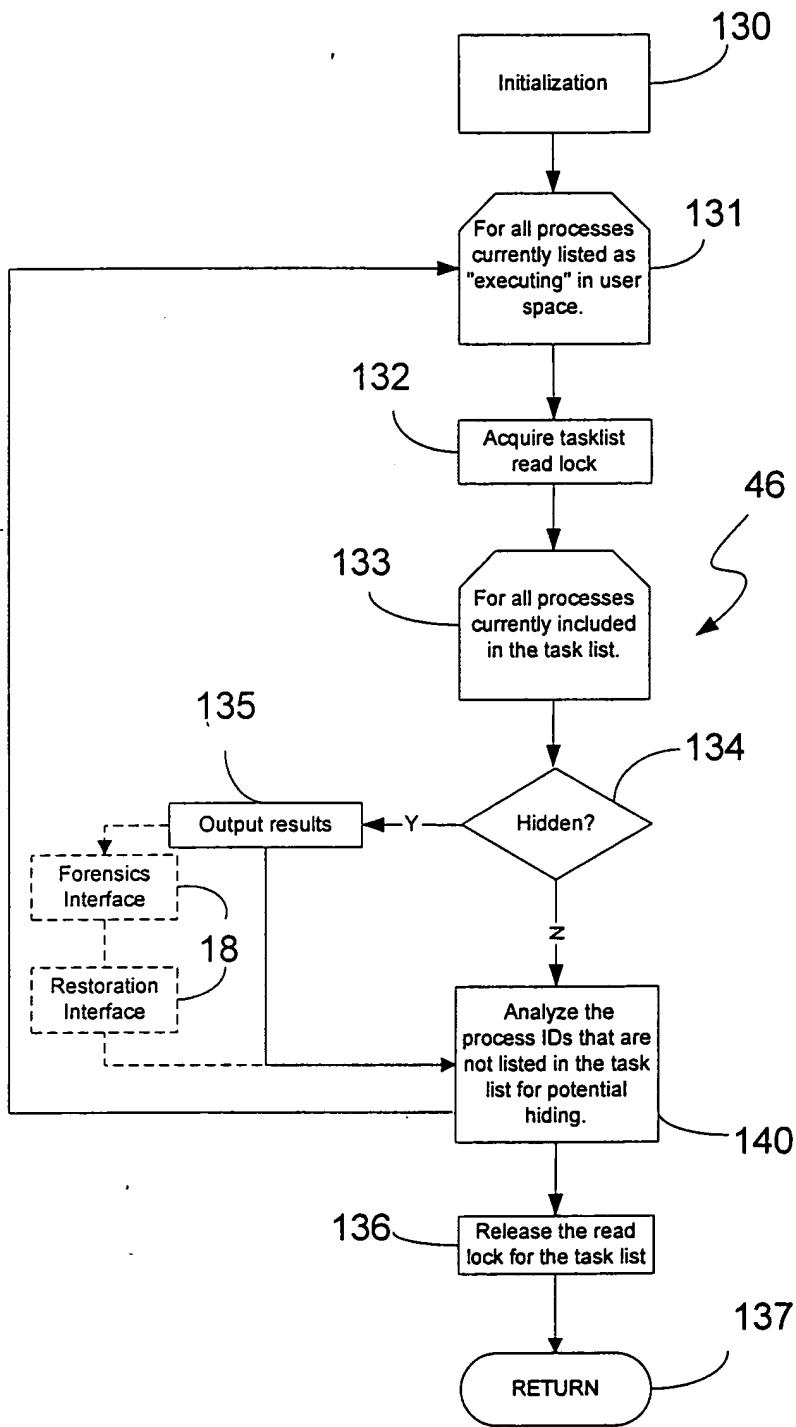


FIG. 13

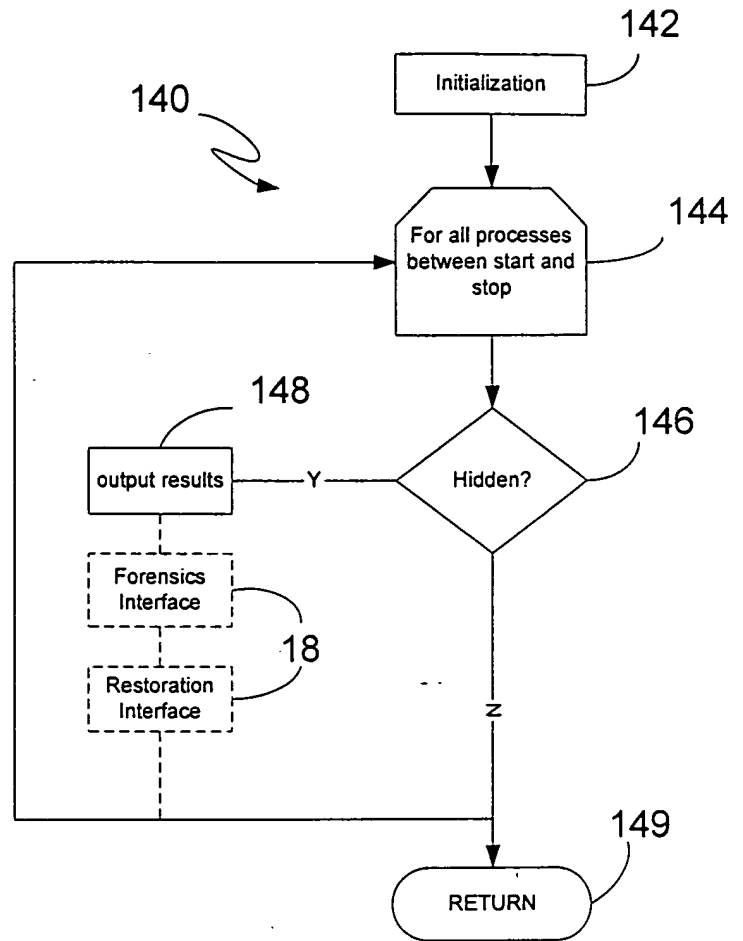


FIG. 14

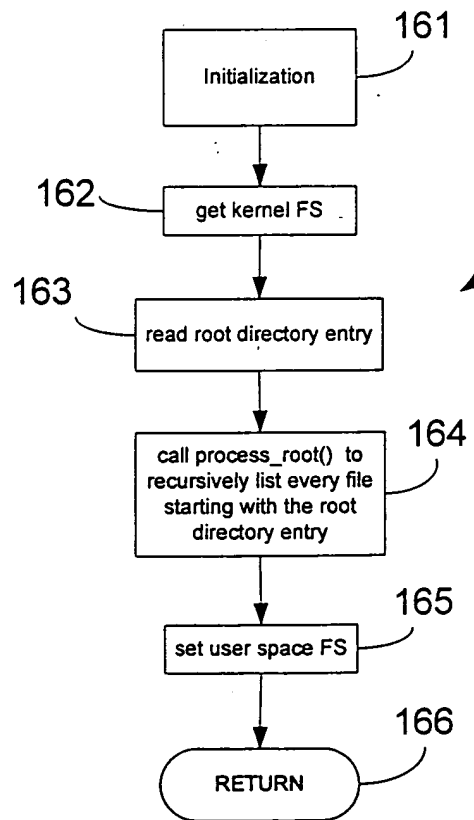


FIG. 16

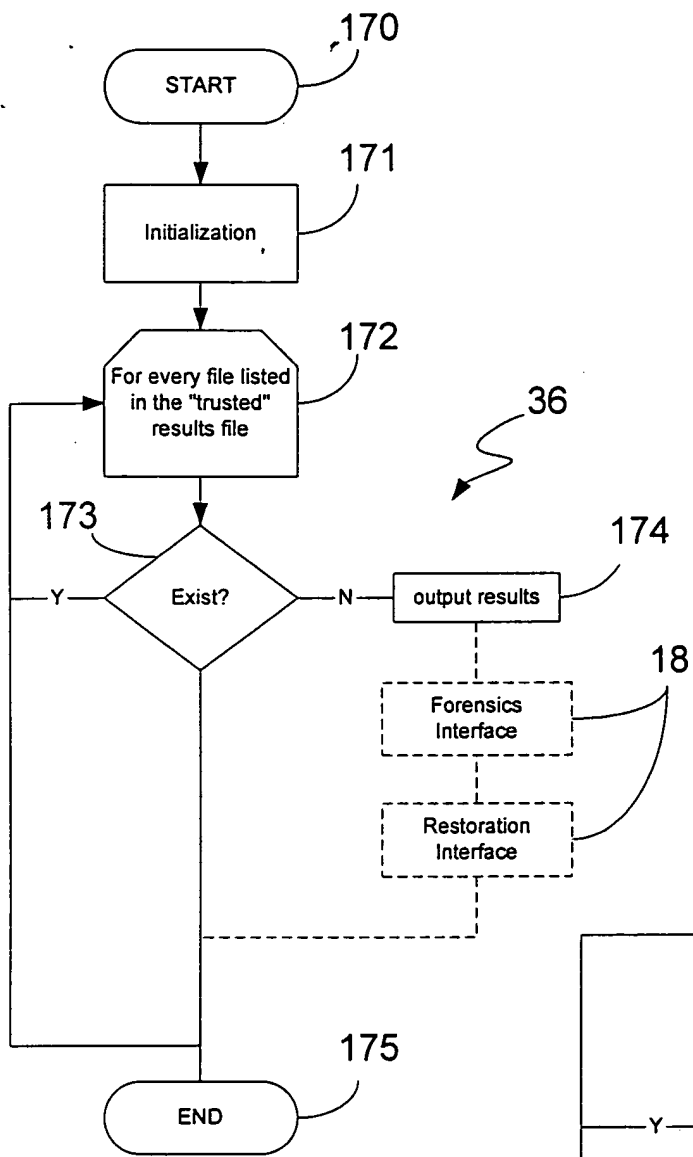


Fig. 17

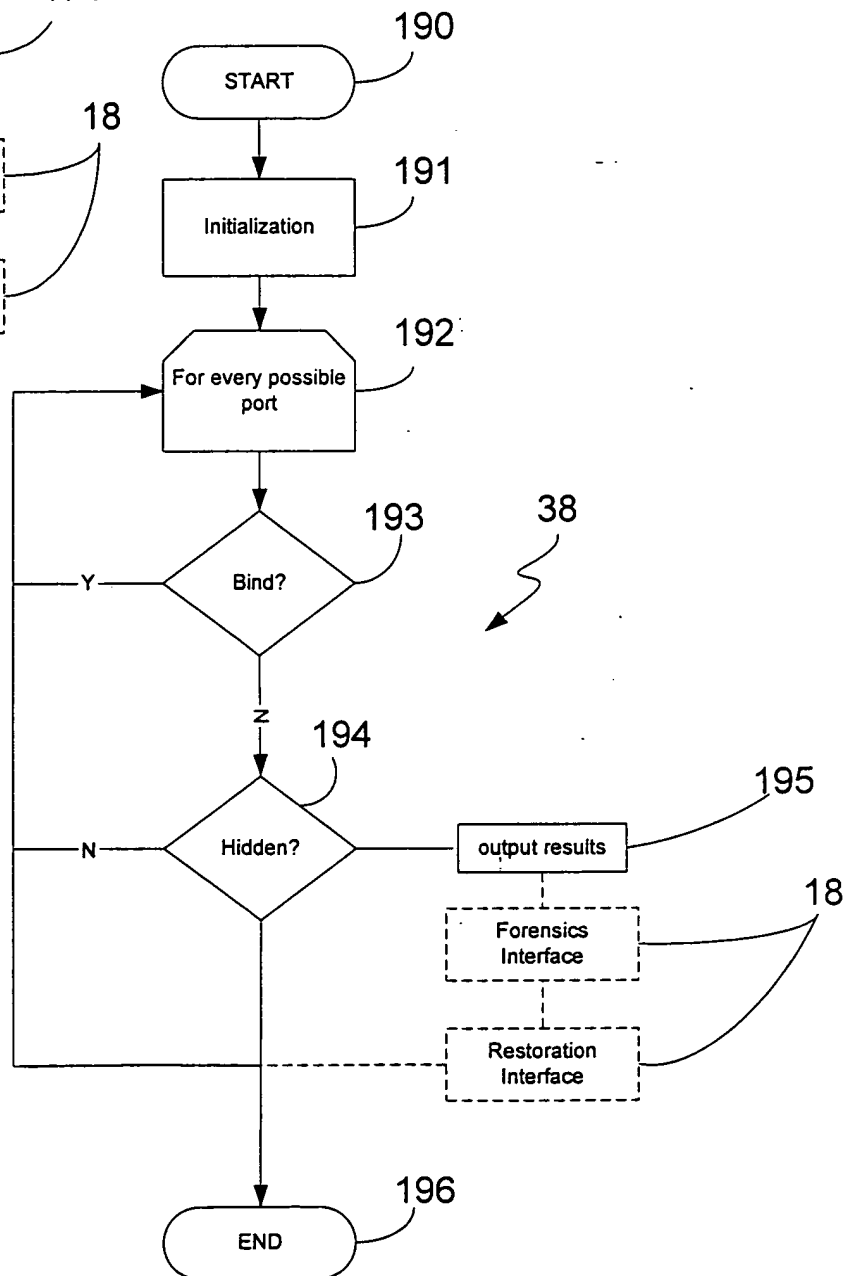


FIG. 19

Script started on Sat Aug 9 15:42:00 2003
 [root@localhost interrogator]# ./interrogator
 Where would you like the results stored? [/tmp/interrogator/]
 Check for hidden processes? [Y]
 Check for hidden TCP port listeners? [Y]
 Check for system call patching? [Y]
 Check for hidden kernel modules? [Y]
 Check for hidden files? (may take > 15 minutes) [N] Y
 Running the interrogator... this may take a minute
 Results are located at /tmp/interrogator/summary
 View results now? [Y]

-----[SUMMARY]-----
 NO hidden modules were found.
 NO system call table modifications were found.
 NO hidden processes were found.
 WARNING: File size is 60133 (should be 58885): /var/log/sa/sa09
 WARNING: File size is 1010871 (should be 1010003): /var/log/cron
 WARNING: File size is 597700 (should be 597264): /var/log/maillog
 NO hidden files were found.
 NO hidden TCP port listeners were found.
 [root@localhost interrogator]# exit
 Script done on Sat Aug 9 16:01:52 2003

FIG. 20(a)

[root@localhost interrogator]# ./interrogator
 Where would you like the results stored? [/tmp/interrogator/]
 Check for hidden processes? [Y]
 Check for hidden TCP port listeners? [Y]
 Check for system call patching? [Y]
 Check for hidden kernel modules? [Y]
 Check for hidden files? (may take > 15 minutes) [N] Y
 Running the interrogator... this may take a minute
 Results are located at /tmp/interrogator/summary
 View results now? [Y]

-----[SUMMARY]-----
 NO hidden modules were found.
 NO system call table modifications were found.
 WARNING: process id 13745 hidden or just exited (tb)
 Launch Path: /root/code/interrogator/de-rojansans/tb
 FOUND 1 Hidden process listing
 HIDDEN File found: /tmp/hidams
 WARNING: File size is 62629 (should be 61381): /var/log/sa/sa09
 WARNING: File size is 1013693 (should be 1012816): /var/log/cron
 WARNING: File size is 599450 (should be 599012): /var/log/maillog
 HIDDEN TCP Port Listener found: port 2222
 [root@localhost interrogator]# exit

FIG. 20(b)

```
[root@localhost interrogator]# ./interrogator
Where would you like the results stored? [/tmp/interrogator/]
Check for hidden processes? [Y]
Check for hidden TCP port listeners? [Y]
Check for system call patching? [Y]
Check for hidden kernel modules? [Y]
Check for hidden files? (may take > 15 minutes) [N] Y
Running the interrogator... this may take a minute
Results are located at /tmp/interrogator/summary
View results now? [Y]
```

```
-----[ SUMMARY ]-----
WARNING suspect module found: f8a0f000 8000 bytes (adore)
Image stored at /tmp/interrogator/adore.o
FOUND 1 HIDDEN module loaded
```

```
WARNING: Deviations found in the sys_call_table
syscall[2]      FAILED 0xf8a0f650      fork
syscall[4]      FAILED 0xf8a0f7e8      write
syscall[5]      FAILED 0xf8a10184      open
syscall[6]      FAILED 0xf8a0f898      close
syscall[18]     FAILED 0xf8a0fbe4      oldstat
syscall[37]     FAILED 0xf8a0f710      kill
syscall[39]     FAILED 0xf8a0f9a0      mkdir
syscall[84]     FAILED 0xf8a0fcd0      oldlstat
syscall[106]    FAILED 0xf8a0fdb0      stat
syscall[107]    FAILED 0xf8a0fe94      lstat
syscall[120]    FAILED 0xf8a0f6b0      clone
syscall[141]    FAILED 0xf8a0f368      getdents
syscall[195]    FAILED 0xf8a0ff80      stat64
syscall[196]    FAILED 0xf8a10080      lstat64
syscall[220]    FAILED 0xf8a0f4dc      getdents64
Suspect module located (0xf89da6d8 - 0xf8a12000)
FOUND 15 Modified syscall table functions
```

```
WARNING: Found process id 836 removed from the task_queue.
Launch Path: /root/code/interrogator/demo/trojans/test
WARNING: process id 13745 hidden or just exited (tb)
Launch Path: /root/code/interrogator/demo/trojans/tb
FOUND 2 Hidden process listings
```

```
HIDDEN File found: /tmp/hidame
WARNING: File size is 2336990 (should be 2335392): /var/log/messages
```

```
HIDDEN TCP Port Listener found: port 111
HIDDEN TCP Port Listener found: port 139
HIDDEN TCP Port Listener found: port 2222
HIDDEN TCP Port Listener found: port 6000
HIDDEN TCP Port Listener found: port 32768
HIDDEN TCP Port Listener found: port 32769
```

```
[root@localhost interrogator]# exit
```

FIG. 20(c)

```
[root@localhost interrogator]# ./interrogator
Where would you like the results stored? [/tmp/interrogator/]
Check for hidden processes? [Y]
Check for hidden TCP port listeners? [Y]
Check for system call patching? [Y]
Check for hidden kernel modules? [Y]
Check for hidden files? (may take > 15 minutes) [N] Y
Running the interrogator... this may take a minute
Results are located at /tmp/interrogator/summary
View results now? [Y]
```

```
-----[ SUMMARY ]-----
WARNING suspect module found: f8a10000 184700 bytes (homegrown)
FOUND 1 HIDDEN module loaded
```

```
WARNING: Deviations found in the sys_call_table
syscall[3]      FAILED 0xf8a11494      read
syscall[5]      FAILED 0xf8a11020      open
syscall[11]     FAILED 0xf8a10ebc      execve
syscall[13]     FAILED 0xf8a118a0      time
syscall[78]     FAILED 0xf8a1183c      gettimeofday
syscall[141]    FAILED 0xf8a11544      getdents
syscall[220]    FAILED 0xf8a116c0      getdents64
Suspect module located (0xf89db6d8 - 0xf8a3f000)
FOUND 7 Modified syscall table functions
```

```
WARNING: process id 1584 hidden or just exited (tb)
Launch Path: /root/code/interrogator/demo/trojans/tb
FOUND 1 Hidden process listing
```

```
HIDDEN File found: /tmp/hidame
WARNING: File size is 1021523 (should be 1020648): /var/log/cron
WARNING: File size is 603820 (should be 603384): /var/log/maillog
```

```
HIDDEN TCP Port Listener found: port 2222
[root@localhost interrogator]# exit
```

FIG. 20(d)

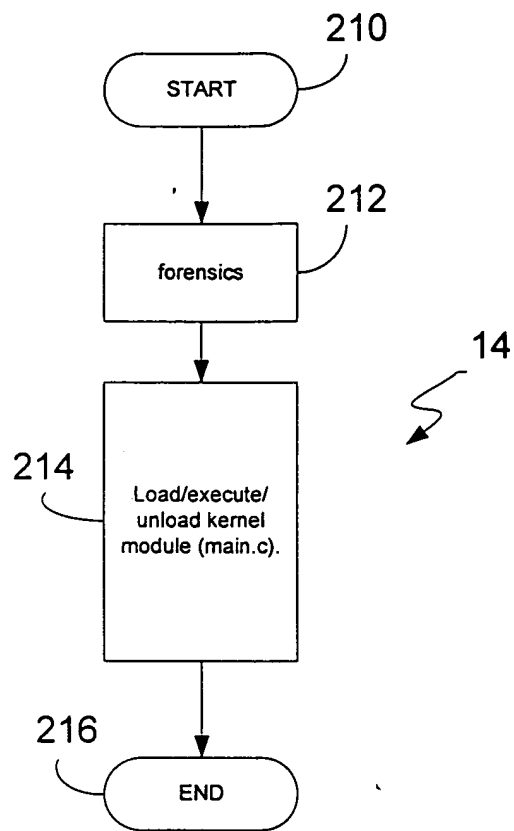


FIG. 21

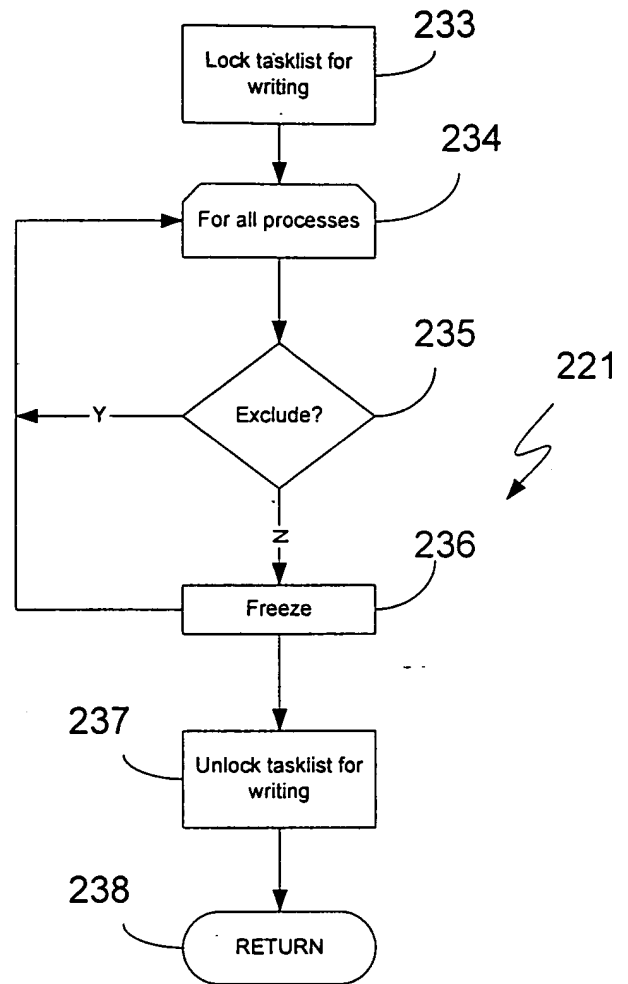


FIG. 23

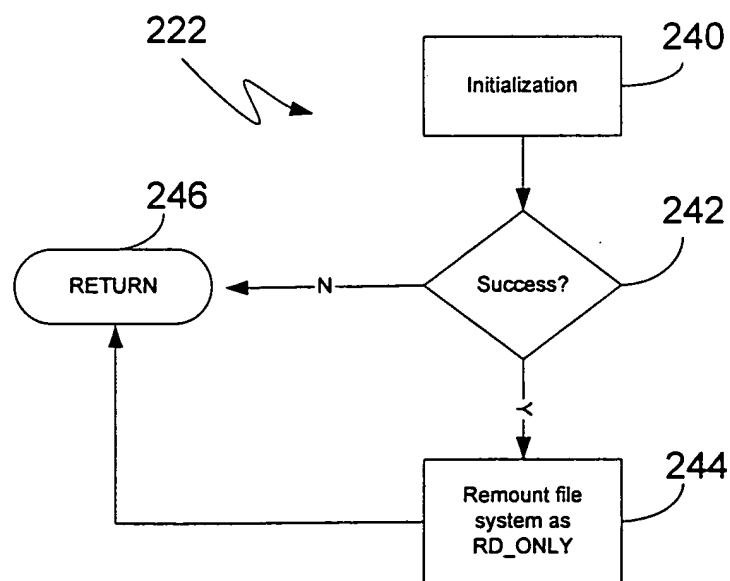


FIG. 24

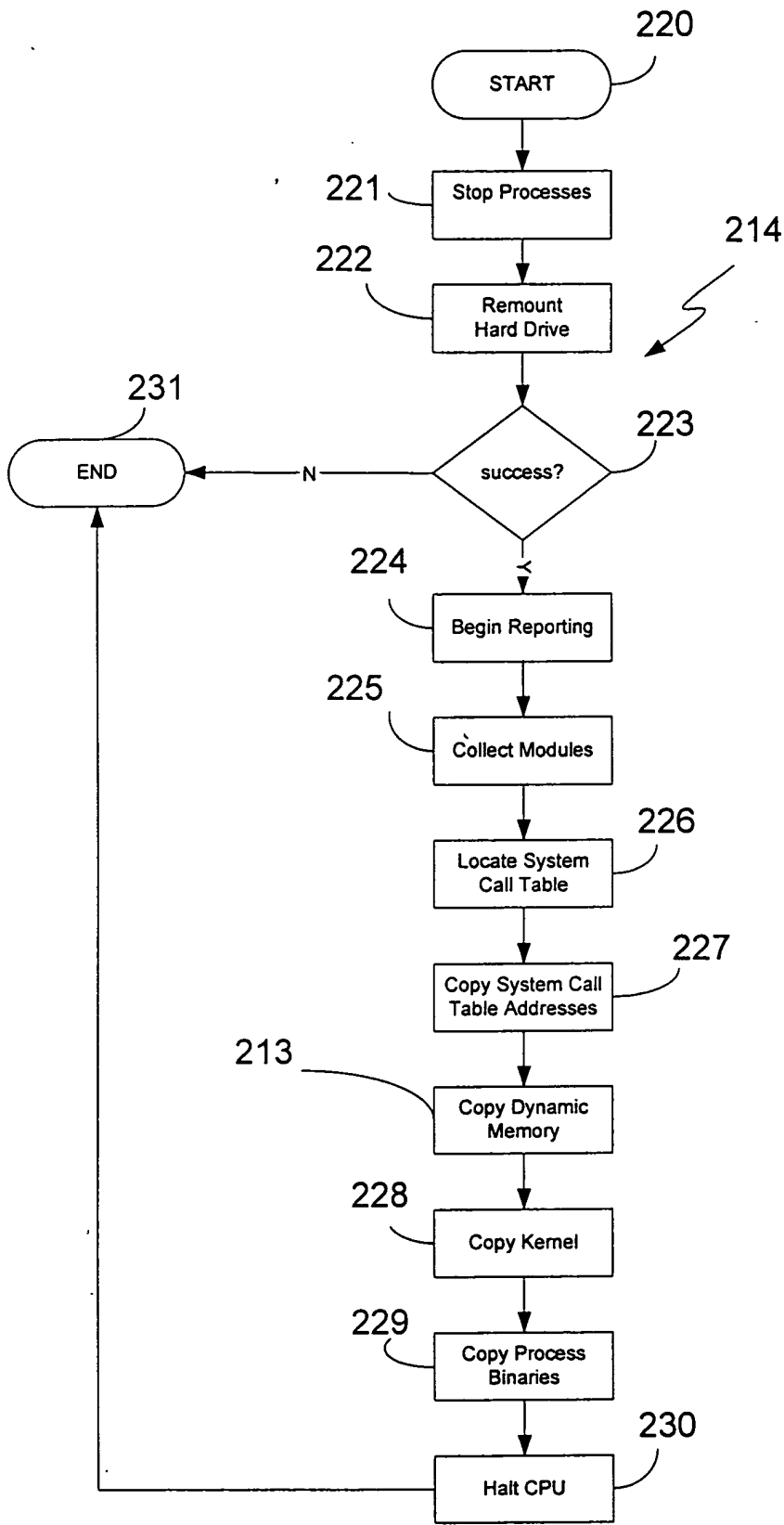


FIG. 22(a)

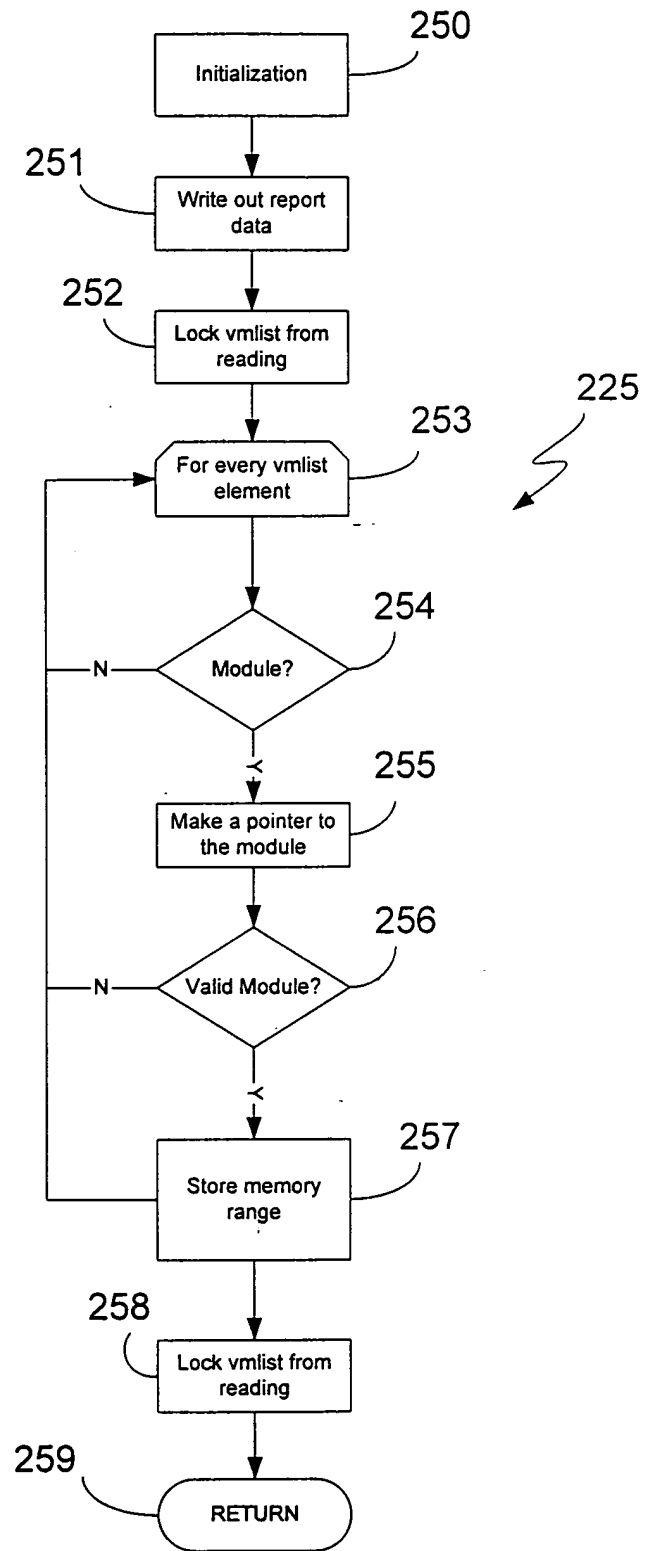


FIG. 25(a)

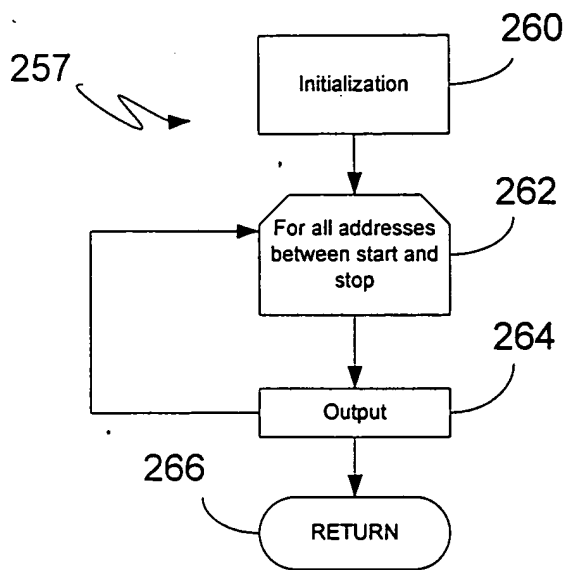


FIG. 26

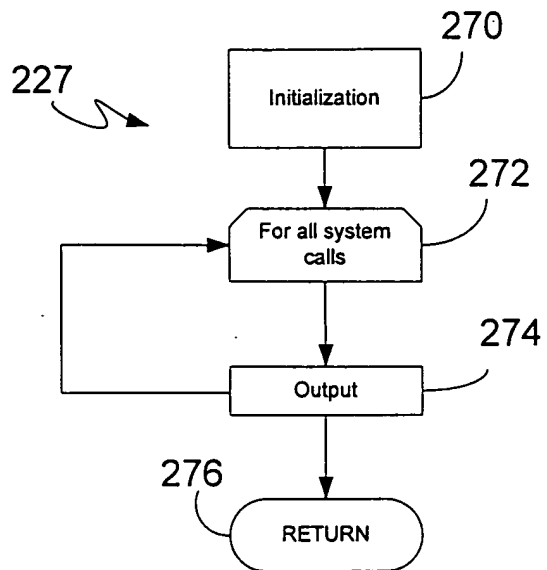


FIG. 27(a)

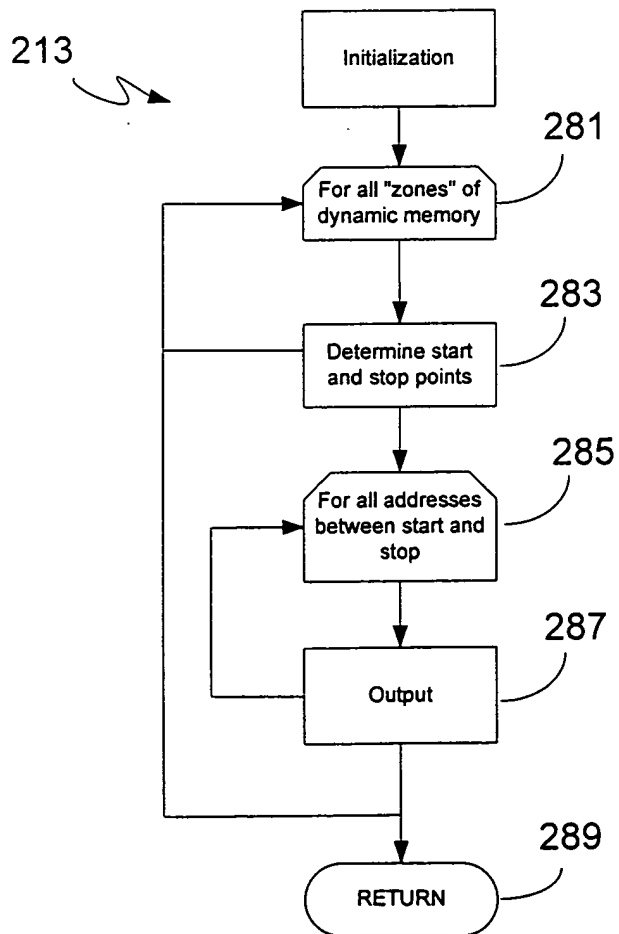


FIG. 28(a)

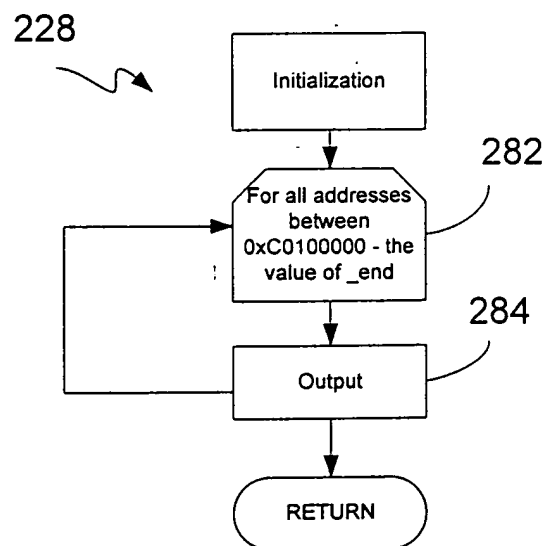


FIG. 28(c)

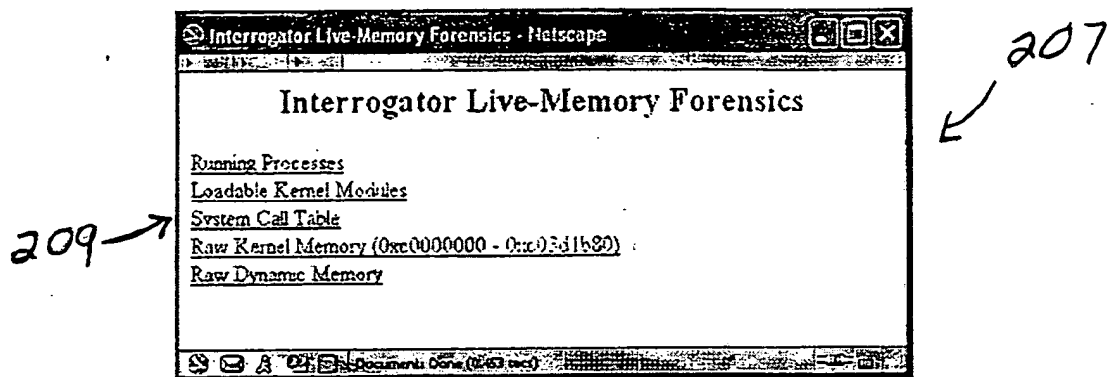


FIG. 22(b)

Loadable Kernel Modules - Netscape

Module Name	Size	Usage	Address
ide-cd	33608	0	0xd08e6000 - 0xd08ee348
vmhgfs	37228	4	0xd08f0000 - 0xd08f916c
ip_tables	14936	2	0xd08fb000 - 0xd08fea58
notable filter	2412	1	0xd0900000 - 0xd090096c
nls_iso8859-1	3516	1	0xd0902000 - 0xd0902dbc
pcnet32	17856	1	0xd0906000 - 0xd090a5c0
apt_REJECT	3736	6	0xd090e000 - 0xd090ee98
autofs	13348	0	0xd0910000 - 0xd0913424
soundcore	6552	0	0xd0970000 - 0xd0971984
sr_mod	18136	0	0xd0995000 - 0xd09996d8
usb-storage	62000	1	0xd09ce000 - 0xd09dd230
fat	38712	0	0xd09df000 - 0xd09e8738
vfat	13084	1	0xd09ea000 - 0xd09ed31c
nls_cp437	5116	1	0xd09ef000 - 0xd09f03fc
hfspro	7968	0	0xd09f2000 - 0xd09f3f20

213 →

← 215

← 217

← 219

← 211

241

FIG. 25(b)

263

261

System Call Table - Netscape

System Call Table

System Call	Address	NAME
Syscall[1]	0xc011e1d0	exit
Syscall[2]	0xc009f2650	fork
Syscall[3]	0xc0138b70	read
Syscall[4]	0xc009f27e3	write
Syscall[5]	0xc009f3184	open
Syscall[6]	0xc009f2898	close
Syscall[7]	0xc011e5b0	waitpid
Syscall[8]	0xc013f180	creat
Syscall[9]	0xc014cb10	link

Document: Done (0.25 secs)

FIG. 27(b)

265

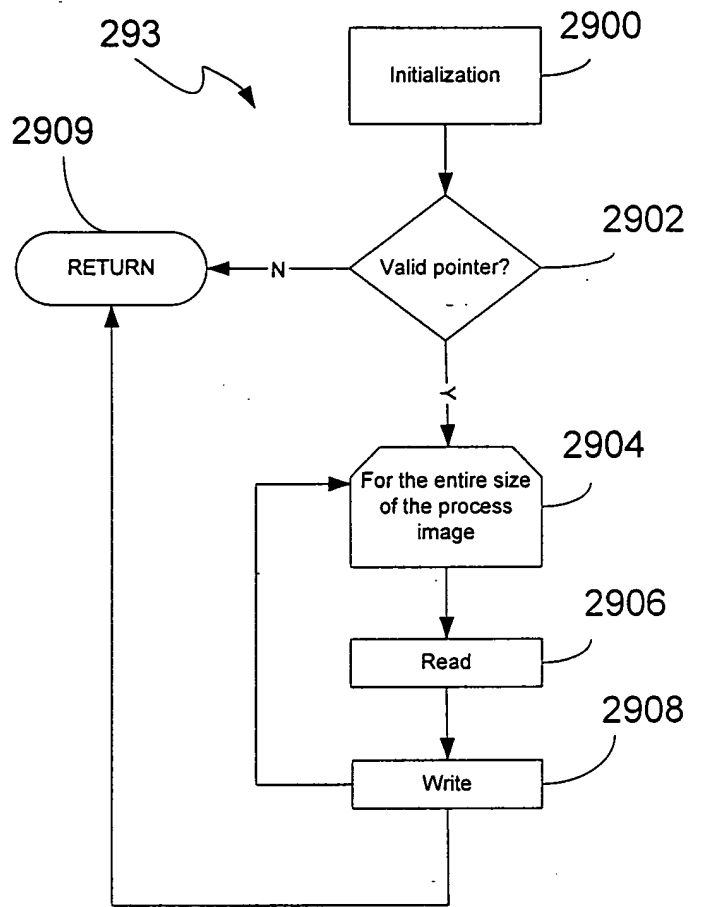
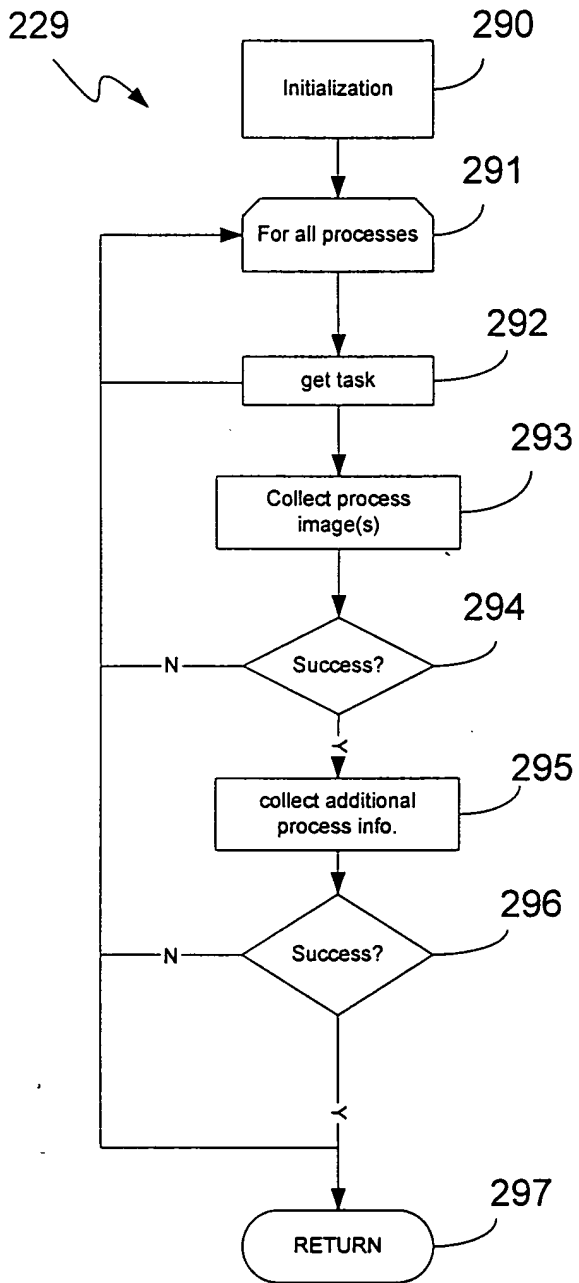
Kernel Memory - Netscape

Kernel Memory

Zone	Begin	End
DMA	0xc1000030	0xc1038030
Normal	0xc1070030	0xc13b8030
HighMem	0x0	0x0
Dynamic	0xc0800000	0xc0900000

Document: Done (0.002 secs)

FIG. 28(b)



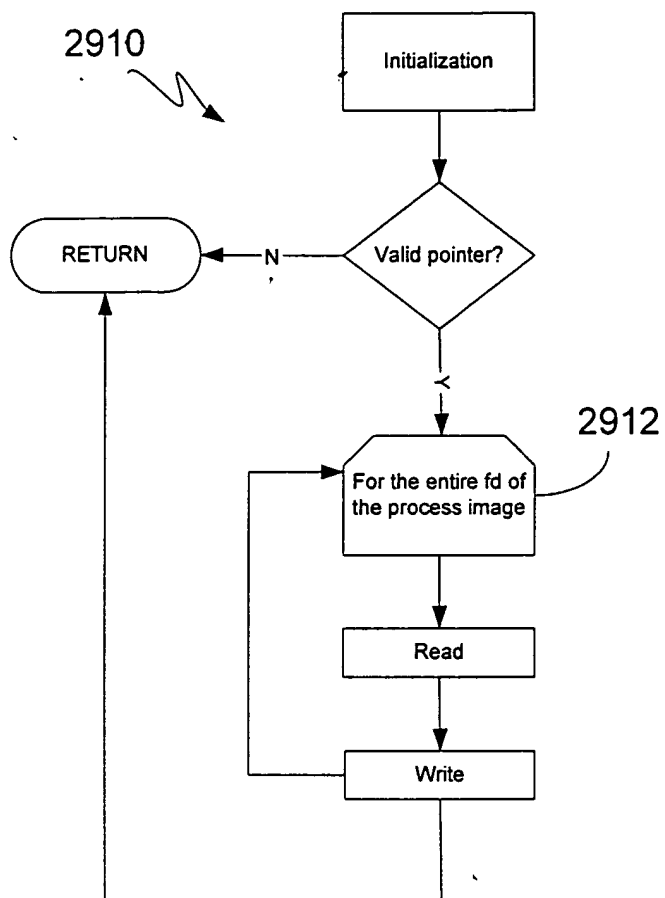


FIG. 29(c)

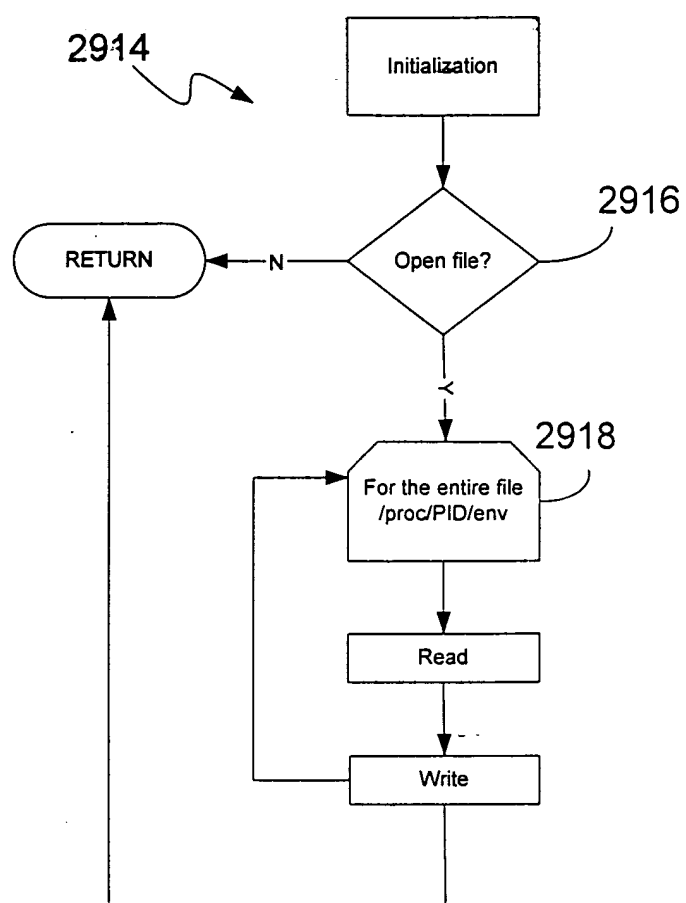


FIG. 29(d)

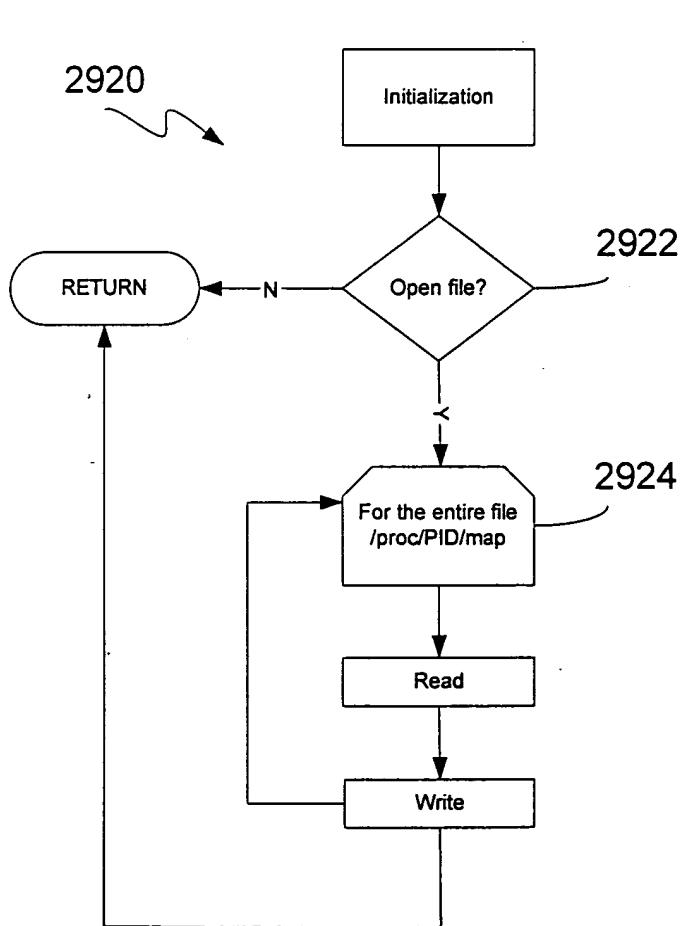


FIG. 29(e)

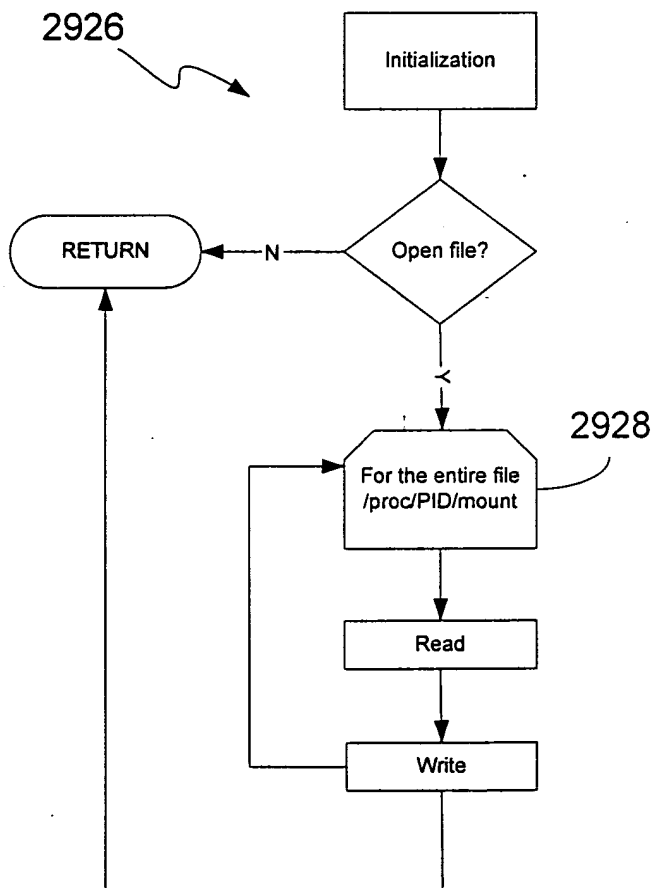


FIG. 29(f)

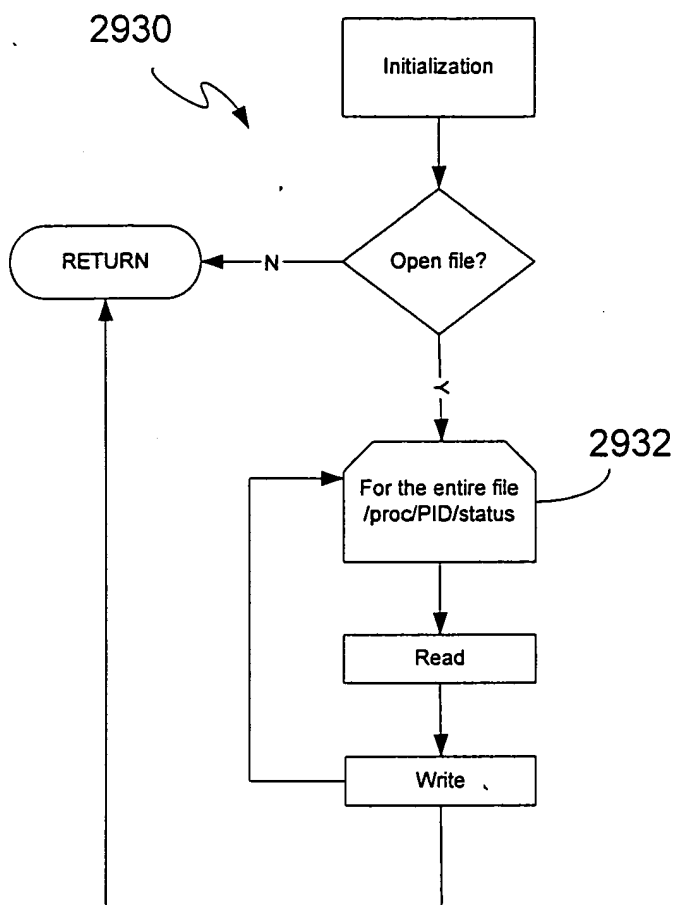


FIG. 29(g)

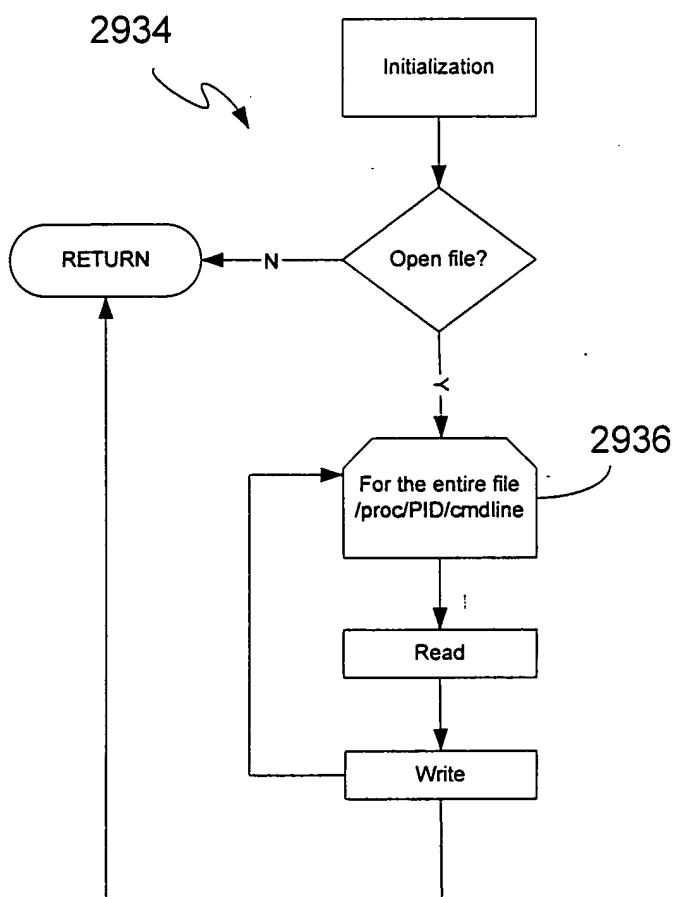


FIG. 29(h)

Running Process Listing: Netscape

Running Process Listing

Process	Proc Image	Main Image	File Descriptors	Environment	Mapping	Command	Mounts	Status
init	1	1	0	env	map	command	mount	status
vmware-guestd	327	327	4	env	map	command	mount	status
dhcpcd	529	529	3	env	map	command	mount	status
syslogd	582	582	7	env	map	command	mount	status
klogd	586	586	2	env	map	command	mount	status
portmap	603	603	2	env	map	command	mount	status
rpc.statd	622	622	7	env	map	command	mount	status
apmd	703	703	2	env	map	command	mount	status
sshd	741	741	4	env	map	command	mount	status
xinetd	755	755	6	env	map	command	mount	status
sendmail	778	778	5	env	map	command	mount	status
sendmail	788	788	4	env	map	command	mount	status
gpm	798	798	2	env	map	command	mount	status
crond	807	807	5	env	map	command	mount	status
xfs	841	841	6	env	map	command	mount	status
and	859	859	4	env	map	command	mount	status
lsm	862	862	0	env	map	command	mount	status

FIG. 29(i)

267

```

total 13696
drwxr-xr-x  2 root  root      4096 Jan  5 19:41 ..
drwxr-xr-x 11 root  root      4096 Jan  5 22:26 ..
-rwxr-xr-x  1 root  root     33960 Jan  5 19:40 1.exe
-rwxr-xr-x  1 root  root     33960 Jan  5 19:40 1.mem_exe
-rwxr-xr-x  1 root  root    103165 Jan  5 19:40 327.exe
-rwxr-xr-x  1 root  root    103165 Jan  5 19:40 327.mem_exe
-rwxr-xr-x  1 root  root    390950 Jan  5 19:40 529.exe
-rwxr-xr-x  1 root  root    390950 Jan  5 19:40 529.mem_exe
-rwxr-xr-x  1 root  root     33635 Jan  5 19:40 582.exe
-rwxr-xr-x  1 root  root     33635 Jan  5 19:40 582.mem_exe
-rwxr-xr-x  1 root  root     28571 Jan  5 19:40 586.exe
-rwxr-xr-x  1 root  root     28571 Jan  5 19:40 586.mem_exe
-rwxr-xr-x  1 root  root     40144 Jan  5 19:40 603.exe
-rwxr-xr-x  1 root  root     38147 Jan  5 19:40 603.mem_exe

```

FIG. 30(a)

```

fd: 0 READ-WRITE /socket:/(1103)
fd: 1 WRITE-ONLY /var/log/messages
fd: 2 WRITE-ONLY /var/log/secure
fd: 3 WRITE-ONLY /var/log/maillog
fd: 4 WRITE-ONLY /var/log/cron
fd: 5 WRITE-ONLY /var/log/spooler
fd: 6 WRITE-ONLY /var/log/boot.log

```

FIG. 30(b)

271

```

SSH_AGENT_PID=4606
HOSTNAME=sring-1.internal.vlan.iwc.sytexinc.com
PVM_RSH=/usr/bin/rsh
SHELL=/bin/bash
TERM=xterm
HISTSIZE=1000
GTK_RC_FILES=/etc/gtk/gtkrc:/root/.gtkrc-1.2-gnome2
WINDOWID=27270368QTDIR=/usr/lib/qt-3.1
USER=root
LS_COLORS=
PVM_ROOT=/usr/share/pvm3
SSH_AUTH_SOCK=/tmp/ssh-XX3Bs0yB/agent.4542
SESSION_MANAGER=local/sring-1.internal.vlan.iwc.sytexinc.com:/tmp/.ICE-
unix/4542
USERNAME=root
MAIL=/var/spool/mail/root
PATH=/usr/kerberos/sbin:/usr/kerberos/bin:/usr/local/sbin:/usr/local/bin:/sbin
:/bin:/usr/sbin:/usr/bin:/usr/X11R6/bin:/root/bin:/usr/local/netscape
INPUTRC=/etc/inputrc
PWD=/root
XMODIFIERS=@im=none
LANG=en_US.UTF-8
LAMHELPPFILE=/etc/lam/lam-helpfile
GDMSESSION=Default
SSH_ASKPASS=/usr/libexec/openssh/gnome-ssh-askpass
HOME=/root
SHLVL=2X
PVM_ROOT=/usr/share/pvm3/xpvm
GNOME_DESKTOP_SESSION_ID=Default
BASH_ENV=/root/.bashrc
LOGNAME=root
LESSOPEN=|/usr/bin/lesspipe.sh %s
DISPLAY=:0.0G_
BROKEN_FILENAMES=1
COLORTERM=gnome-terminal
XAUTHORITY=/root/.Xauthority=/usr/bin/ssh

```

273

FIG. 30(c)

```

rootfs / rootfs rw 0 0
/dev/root / ext3 ro 0 0
/proc /proc proc rw 0 0
usbdevfs /proc/bus/usb usbdevfs rw 0 0
/dev/sdal /boot ext3 rw 0 0
none /dev/pts devpts rw 0 0
none /dev/shm tmpfs rw 0 0
none /mnt/hgfs vmware-hgfs rw,nosuid,nodev 0 0
/dev/sdbl /mnt vfat rw 0 0

```

275

FIG. 30(d)

```

Name: vmware-guestd
State: R (running)
Tgid: 327
Pid: 327
PPid: 1
TracerPid: 0
Uid: 0 0 0 0
Gid: 0 0 0 0
FDSize: 32
Groups:
VmSize: 1424 kB
VmLck: 0 kB
VmRSS: 444 kB
VmData: 48 kB
VmStk: 8 kB
VmExe: 84 kB
VmLib: 1252 kB
SigPnd: 0000000000000000
SigBlk: 0000000000000000
SigIgn: 8000000000000000
SigCgt: 00000000000004a07
CapInh: 0000000000000000
CapPrm: 00000000fffffffe
CapEff: 00000000fffffffe

```

277

FIG. 30(e)

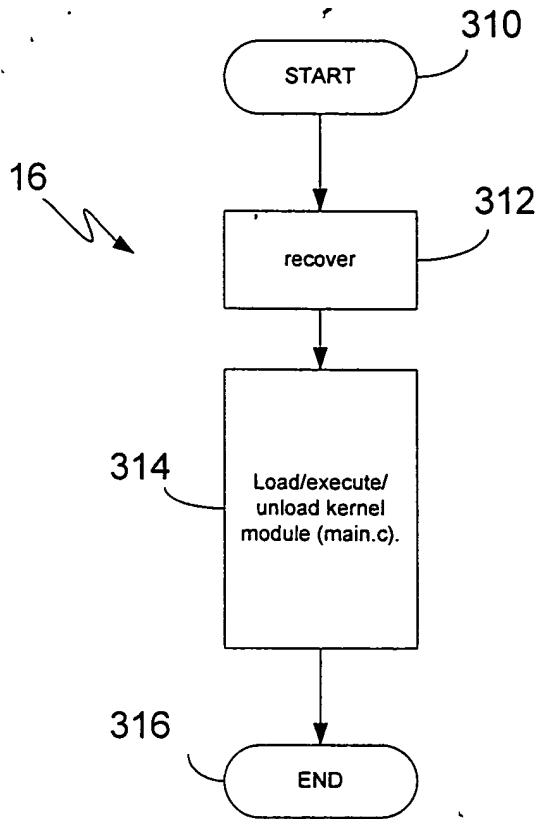


FIG. 31

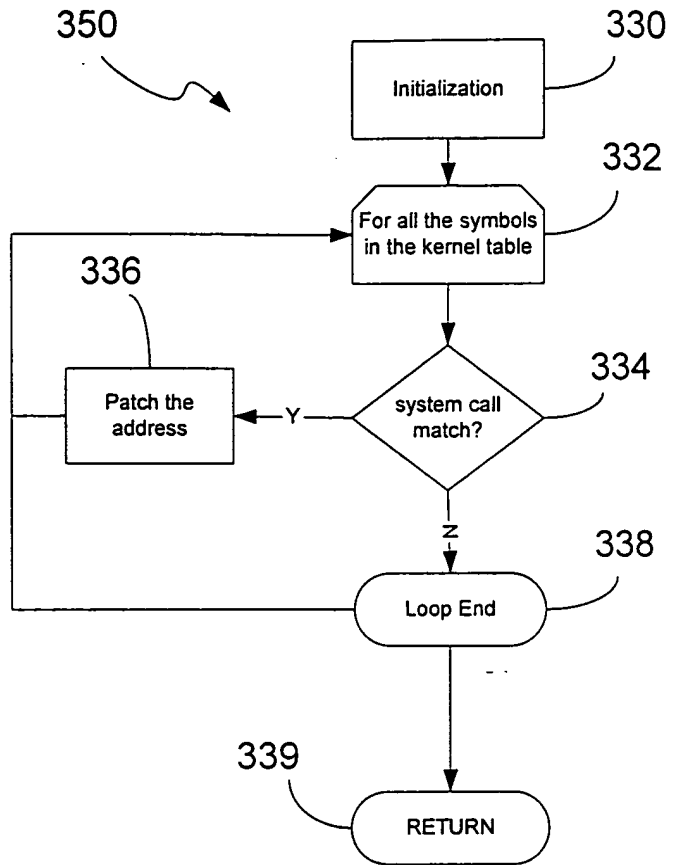


FIG. 33

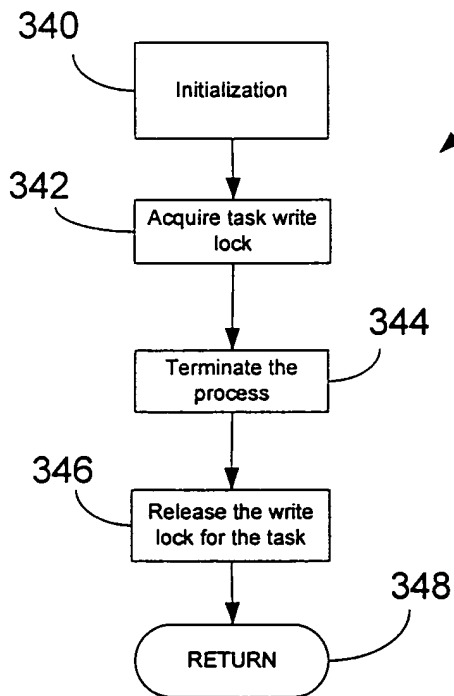


FIG. 34

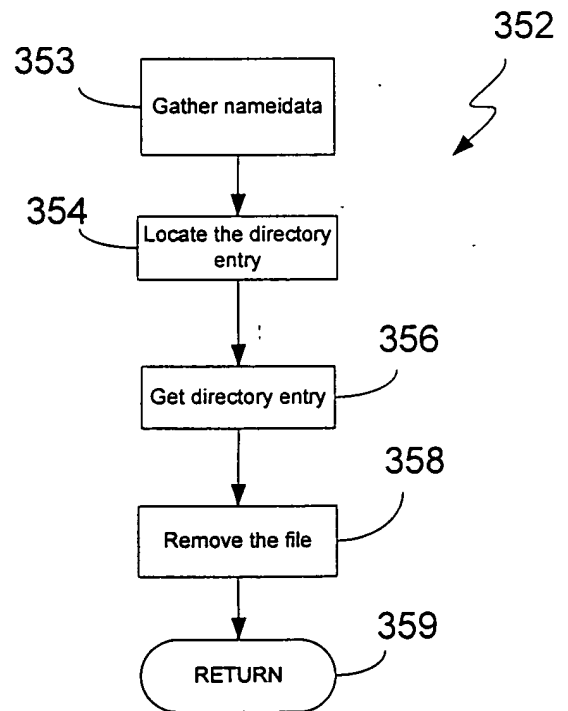


FIG. 35

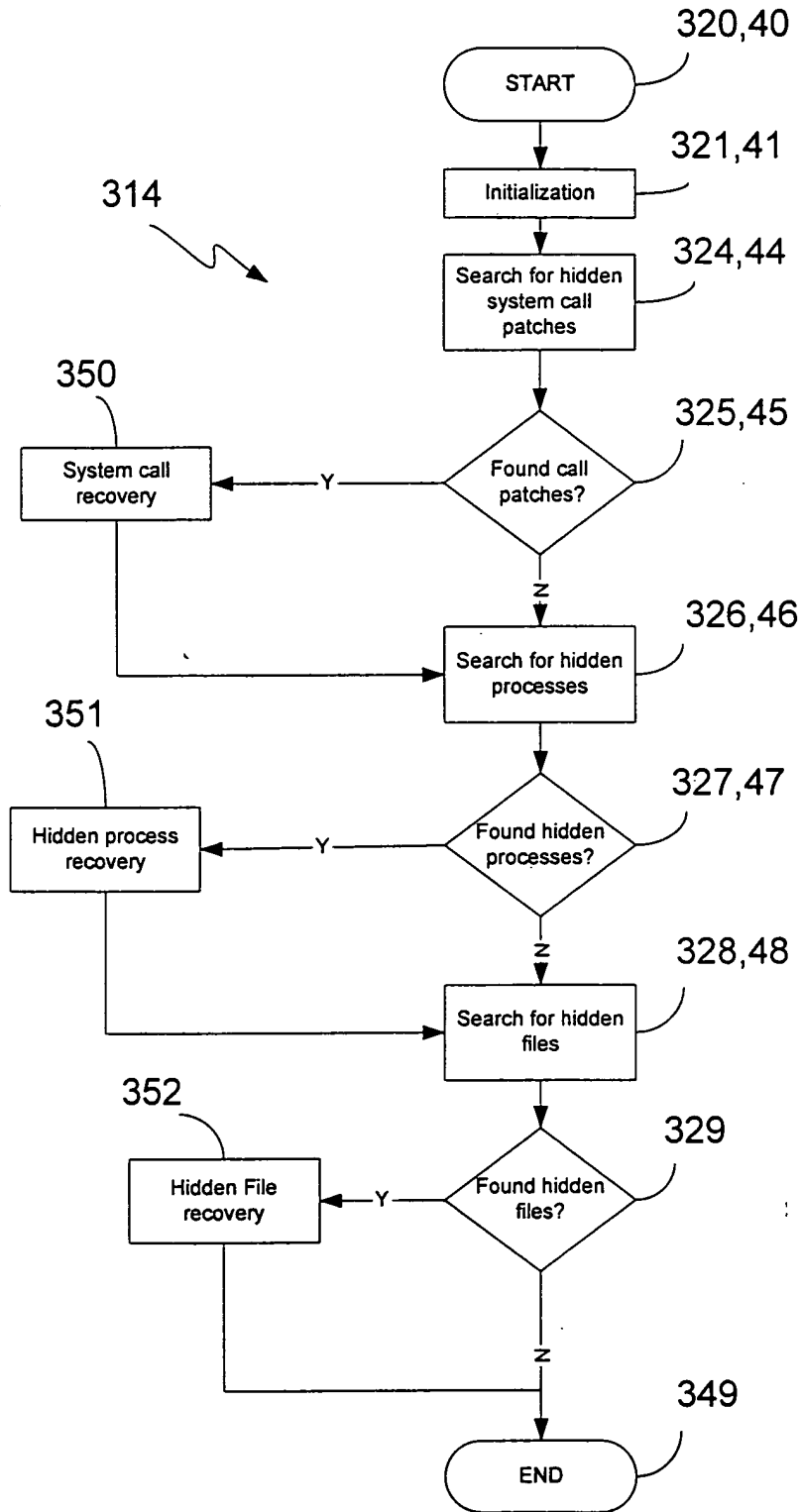


FIG. 32

```
Script started on Sun Jan 11 10:18:52 2004
[root@localhost recovery]# ./recover
Terminate hidden processes? [Y]
Recover system call table? [Y]
Remove hidden files [N] Y
Results are located at /tmp/interrogator/summary
View results now? [Y]
```

```
-----[ SUMMARY ]-----
NO system call table modifications were found.
NO hidden processes were found.
[root@localhost recovery]# exit
Script done on Sun Jan 11 10:19:03 2004
```

FIG. 36(a)

```
Script started on Sun Jan 11 10:31:02 2004
[root@localhost adore]# ./startadore
Warning: loading cleaner.o will taint the kernel: no license
See http://www.tux.org/lkml/#export-tainted for information about tainted modules
Module cleaner loaded, with warnings
```

```
[root@localhost adore]# /tmp/test
[root@localhost adore]# ps -ef |grep test
root      1302  1276  0 10:35 pts/3      00:00:00 /tmp/test
root      1304  1043  0 10:35 pts/1      00:00:00 grep test
```

```
[root@localhost adore]# ./ava i 1302
Checking for adore 0.12 or higher ...
Adore 0.42 installed. Good luck.
Made PID 1302 invisible.
```

```
[root@localhost adore]# ./ava h /tmp/test
Checking for adore 0.12 or higher ...
Adore 0.42 installed. Good luck.
File '/tmp/test' hidet.
```

```
[root@localhost adore]# ls /tmp
ssh-XXAbS7W
ssh-XXEZXD3
```

```
[root@localhost adore]# ps -ef |grep test
[root@localhost adore]# exit
Script done on Sun Jan 11 10:35:40 2004
```

FIG. 36(b)

```
Script started on Sun Jan 11 10:52:37 2004
[root@localhost recovery]# ./recover
Terminate hidden processes? [Y]
Recover system call table? [Y] N
Delete hidden files? [N] N
Results are located at /tmp/interrogator/summary
View results now? [Y]
```

```
-----[ SUMMARY ]-----
WARNING: process id 1302 hidden or just exited (test)
Launch Path: /tmp/test
TERMINATED 1 Hidden process listing
[root@localhost recovery]# exit
Script done on Sun Jan 11 10:54:26 2004
```

FIG. 36(c)

```
Script started on Sun Jan 11 10:35:21 2004
[root@localhost recovery]# /tmp/test
Running 1
Running 2
Running 3
Running 4
Running 5
Running 6
Running 7
Hangup
Script done on Sun Jan 11 10:55:12 2004
```

FIG. 36(d)

```
Script started on Sun Jan 11 10:57:09 2004
[root@localhost recovery]# ls /tmp
ssh-XXAbS7W
ssh-XXEZXD3
```

```
[root@localhost recovery]# sum /tmp/test
03965      12
```

```
[root@localhost recovery]# ./recover
Terminate hidden processes? [Y] N
Recover system call table? [Y] N
Delete hidden files? [N] Y
Results are located at /tmp/interrogator/summary
View results now? [Y]
```

```
-----[ SUMMARY ]-----
REMOVED /tmp/test
```

```
[root@localhost recovery]# ls /tmp
ssh-XXAbS7W
ssh-XXEZXD3
```

```
[root@localhost recovery]# sum /tmp/test
sum: /tmp/test: No such file or directory
```

```
root@localhost recovery]# exit
Script done on Sun Jan 11 10:57:47 2004
```

364

FIG. 36(e)

```
Script started on Sun Jan 11 10:57:57 2004
[root@localhost recovery]# ./recover
Terminate hidden processes? [Y] N
Recover system call table? [Y]
Delete hidden files? [N] N
Results are located at /tmp/interrogator/summary
```

```
View results now? [Y]
```

```
-----[ SUMMARY ]-----
WARNING suspect module found: d09cb000 7968 bytes (adore)
FOUND 1 HIDDEN module loaded
```

```
WARNING: Deviations found in the sys_call_table
syscall[2]      FAILED    0xd09cb650    fork
syscall[4]      FAILED    0xd09cb7e8    write
syscall[5]      FAILED    0xd09cc184    open
syscall[6]      FAILED    0xd09cb898    close
syscall[18]     FAILED    0xd09cbbe4    stat
syscall[37]     FAILED    0xd09cb710    kill
syscall[39]     FAILED    0xd09cb9a0    mkdir
syscall[84]     FAILED    0xd09cbcd0    lstat
syscall[106]    FAILED    0xd09cbdbc    stat
syscall[107]    FAILED    0xd09cbe94    lstat
syscall[120]    FAILED    0xd09cb6b0    clone
syscall[141]    FAILED    0xd09cb368    getdents
syscall[195]    FAILED    0xd09cbf80    stat64
syscall[196]    FAILED    0xd09cc080    lstat64
syscall[220]    FAILED    0xd09cb4dc    getdents64
RECOVERED 15 Modified syscall table functions
```

365
←

```
[root@localhost recovery]# ./recover
Terminate hidden processes? [Y] N
Recover system call table? [Y]
Delete hidden files? [N] N
Results are located at /tmp/interrogator/summary
View results now? [Y]
```

```
-----[ SUMMARY ]-----
NO system call table modifications were found.
```

FIG. 36(f)

```

Script started on Sun Jan 11 11:31:47 2004
[root@localhost adore]# ps -ef |grep test
root      1284  1258  0 11:31 pts/1    00:00:00 /tmp/test

[root@localhost adore]# ls /tmp
ssh-XXAbS7W
ssh-XXEZXD3
test

[root@localhost adore]# ./startadore
Warning: loading cleaner.o will taint the kernel: no license
See http://www.tux.org/lkml/#export-tainted for information about tainted modules
Module cleaner loaded, with warnings

[root@localhost adore]# ./ava i 1284
Checking for adore 0.12 or higher ...
Adore 0.42 installed. Good luck.
Made PID 1284 invisible.

[root@localhost adore]# ./ava h /tmp/test
Checking for adore 0.12 or higher ...
Adore 0.42 installed. Good luck.
File '/tmp/test' hidet.

[root@localhost adore]# ps -ef |grep test
[root@localhost adore]# ls /tmp
ssh-XXAbS7W
ssh-XXEZXD3

[root@localhost adore]# cd ../interrogator/recovery
[root@localhost recovery]# ./recover
Terminate hidden processes? [Y] N
Recover system call table? [Y] Y
Delete hidden files? [N] N
Results are located at /tmp/interrogator/summary
View results now? [Y]
-----[ SUMMARY ]-----
WARNING suspect module found: d09cb000 7968 bytes (adore)
FOUND 1 HIDDEN module loaded

WARNING: Deviations found in the sys_call_table
syscall[2]      FAILED  0xd09cb650      fork
syscall[4]      FAILED  0xd09cb7e8      write
syscall[5]      FAILED  0xd09cc184      open
syscall[6]      FAILED  0xd09cb898      close
syscall[18]     FAILED  0xd09cbbe4      stat
syscall[37]     FAILED  0xd09cb710      kill
syscall[39]     FAILED  0xd09cb9a0      mkdir
syscall[84]     FAILED  0xd09cbcd0      lstat
syscall[106]    FAILED  0xd09cbdbc      stat
syscall[107]    FAILED  0xd09cbe94      lstat
syscall[120]    FAILED  0xd09cb6b0      clone
syscall[141]    FAILED  0xd09cb368      getdents
syscall[195]    FAILED  0xd09cbf80      stat64
syscall[196]    FAILED  0xd09cc080      lstat64
syscall[220]    FAILED  0xd09cb4dc      getdents64
RECOVERED 15 Modified syscall table functions

[root@localhost recovery]# ps -ef |grep test
root      1284  1258  0 11:31 pts/1    00:00:00 /tmp/test
root      1345  1288  0 11:33 pts/2    00:00:00 grep test

[root@localhost recovery]# ls /tmp
ssh-XXAbS7W
ssh-XXEZXD3
test

[root@localhost recovery]# exit
Script done on Sun Jan 11 11:33:21 2004

```

← 300

FIG. 36(g)